AUBURN

UNIVERSITY

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL REPORT REPORTING PERIOD APRIL 1, 2022 – MARCH 31, 2023

Prepared by

AUBURN UNIVERSITY

STORM WATER MANAGEMENT COMMITTEE

Submitted May 2023

Table of Contents

Introduction

This Annual Report was developed in accordance with the guidelines provided in Title 40 Code of Federal Regulations (CFR), Part 122.26(d) incorporated by reference in the Alabama Administrative Code 335-6 as administered by the Alabama Department of Environmental Management (ADEM) and NPDES ALR040030 Phase II General Permit effective October 1, 2021.

The purpose of this Annual Report is to describe the compliance efforts reflected in the University's Storm Water Management Program Plan (SWMPP) (**Appendix A**). The Annual Report will identify the control measure specific efforts undertaken by Auburn University from April 1, 2022, through March 31, 2023, to reduce the discharge of pollutants from Auburn University's main campus to the maximum extent practicable (MEP) to protect water quality and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA).

This Annual Report and the University Storm Water Management Program is a result of a collaborative approach from individuals that represent both academic and operational areas of campus. The multi-disciplinary effort continues to be strengthened by its diversity and includes the following individuals and their areas of responsibility or interest:

Dr. Chris Anderson, Forestry & Wildlife Sciences
Mr. Nicholas Blair, Facilities Management – Planning, Design and Construction
Dr. David Blersch, Biosystems Engineering
Dr. Eve Brantley, Director Water Resource Center
Mr. Ben Burmester, Facilities Management – Planning, Design and Construction
Mr. Josh Conradson, Facilities Management – Planning, Design and Construction
Ms. Mona Dominguez, Water Resource Center - Alabama Water Watch
Mr. Michael Freeman, Risk Management & Safety
Ms. Valerie Friedmann, Architecture Planning & Landscape Architecture
Ms. Joan Hicken, Facilities Management – Waste Reduction & Recycling
Dr. Thorsten Knappenberger, Crop, Soil & Environmental Sciences
Mr. Mike Kensler, Office of Sustainability
Mr. Dan King, Facilities Management
Mr. Eric Klypas, Athletics Department – Field Management
Mr. Judd Langham, Facilities Management – Planning, Design and Construction
Ms. Charlene LeBleu, Architecture Planning & Landscape Architecture
Mr. Glenn Loughridge, Campus Dining
Mr. Tom McCauley, Risk Management & Safety
Dr. Chandana Mitra, Department of Geosciences

Dr. Jose Vasconcelos Neto, Civil Engineering
Mr. Buster Reese, Facilities Management, Planning, Design and Construction
Ms. Amy Strickland, Office of Sustainability
Mr. Justin Sutton, Facilities Management – Landscape Services
Mr. William Walker, Campus Dining
Dr. Amy Wright, Department of Horticulture

MS4 Description

Auburn University is a large teaching and research institution located in Auburn, Lee County, Alabama comprised of approximately 1841 acres of contiguous property, 427 buildings and 206 academic buildings. Auburn University is one of the major land grant / liberal arts and science universities in the southeast. The area surrounding Auburn University consists of residential property to the east and southeast, agricultural property to the southwest and west and urban city property to the north and east.

Control Measures

Stormwater management controls or Best Management Practices (BMPs) will be implemented to the MEP to minimize pollution in storm water discharges from Auburn University's main campus. AU's Policy on Storm Water Management Compliance (**Appendix B**) serves as the regulatory mechanism as required by the Permit. The Permit and SWMPP require BMPs to be implemented addressing five minimum control measures. As required by Part III.B. of the Permit, the Annual Report will describe the University's efforts performed during this reporting period to implement the established BMPs (Public Education & Public Involvement on Storm Water Impacts, Illicit Discharge Detection & Elimination, Construction Site Storm Water Runoff Control, Post Construction Storm Water Management in New and Redevelopments and Pollution Prevention / Good Housekeeping for Municipal Operations) and will include:

1. The status of AU's compliance with Permit conditions, an assessment of the appropriateness of the identified BMPs, and progress towards achieving the statutory goal for each of the minimum control measures.
2. Results of information collected and analyzed during this reporting period, including any monitoring data used to assess the success of the SWMPP at reducing discharge of pollutants to the MEP.
3. A summary of storm water activities the University plans to undertake during the next reporting cycle.
4. Proposed changes and/or updates to the University's SWMPP.

5. All monitoring results collected during the reporting period in accordance with Part V. of the Permit.

BMP: Public Education & Public Involvement on Storm Water Impacts

Storm water pollution prevention education leads to an informed and knowledgeable campus community that is more likely to support and comply with the BMP provisions. The targeted "Public" audiences of the University's SWMPP are Auburn University faculty, staff, students, and visitors, which populate the campus on any given day. Within these populations, only students in residence housing live on campus. All other students, employees and visitors reside in the surrounding communities. The following activities were performed during the reporting period that were consistent with the intent of the SWMPP as follows:

Presentations and Events

Multiple presentations were offered by Auburn University throughout the course of this reporting period to promote water quality, water conservation and storm water management principles. Presentations were offered by a variety of different AU entities and for diverse AU and non-AU audiences.

Auburn University Stormwater Colloquium (April 14, 2022)

Hosted by Auburn University, Alabama Cooperative Extension System, and the Alabama Stormwater Association provided a forum for stormwater professionals and researchers to have an active discussion on emerging research, priorities, and opportunities to improve water resources in Alabama. Colloquium attended by **twenty-five (25)** participants.

Earth Day Extravaganza (April 22, 2022)

An annual Earth Day celebration was attended by approximately **four hundred (400)** students, faculty, and staff. Multiple university departments celebrate Earth Day on campus at the university's Earth Day Extravaganza that features locally sourced food, environmentally themed games, student, and university organizations. Earth Day marks the anniversary of the birth of the environmental movement. It is a day to raise awareness and to support a healthy planet and an excellent opportunity to promote stormwater principles and practices and many other sustainability initiatives.

Camp War Eagle (May-July 2022)

Every summer prior to the fall semester, Auburn University hosts Camp War Eagle (CWE) for incoming freshman. Through CWE, students are provided an experience that promotes the academic, social, and personal opportunities incoming freshmen students can experience. A website provides all necessary information and instructions to prepare incoming freshman for an orientation session and the first year at Auburn University. The Office of Sustainability provides information on sustainability at Auburn and provides each attendee a Sustainable Student Action Guide, which includes a section on "Saving Water" listing water conservation and water quality practices a sustainable development goals. During this reporting period, Camp War Eagle hosted a total of **five thousand five hundred sixty (5560)** students and their guests.

Sustainable Development Goals

The University's Office of Sustainability promote Sustainable Development Goals (SDGs) with various focuses.
The Sustainable Development Goals (SDGs) emerged from rigorous research into global conditions and trends and provide a

"blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace and justice. The 17 Goals are all interconnected, and in order to leave no one behind, it is important that we achieve them all by 2030." ~United Nations Website

Initiated in 2012 at the United Nations (UN) Conference on Sustainable Development in Rio de Janeiro, they follow up the eight Millennium Development Goals (MDGs) established in September 2000 and were adopted by the UN in 2015.

Sustainability Picnic (August 31, 2022)

The goal of this event is to get new and current students involved with sustainability on campus. Numerous student organizations, academic and university departments, and community resources are involved to include Alabama Water Watch, the Marine Biology club, the Arboretum, College of Forestry Wildlife and Environment and others promote natural resource conservation and management. This year's event hosted approximately **three hundred thirty-nine (339)** individuals.

Bachelor of Landscape Architecture: Plants and Construction Workshop (August 31, 2022)

As part of the undergraduate study The School of Architecture, Planning and Landscape Architecture (LAND2110 Plants and Construction Workshop) uses a field and project based approach to engage the medium of landscape architecture (plants, land, soils and materials). On August 31, 2022, Dr. Charlene LeBleu and Assistant Professor Isaac Cohen and students walked the underground stream at Roosevelt Drive & South College Street to Parker Hall. Follow the underground stream south of the baseball field to the Parkerson Mill Creek (PMC) Restoration Site @ Memorial Coliseum and continued PMC to Intermural Fields and Soccer Complex. During the walking tour, **eighteen (18)** faculty and students reviewed examples of native plantings and structural best management practices that dissipate urban stream energy.

Sustainability Lectures (annually)

The Office of Sustainability provides lectures to undergraduate students on the general concepts of sustainability and Auburn University's specific sustainability efforts, including reviewing stormwater best management practices found on campus. Multiple sessions are offered throughout the academic year and attendance varies from 12-100+ students per session.

Alabama Water Resource Conference (September 7-9, 2022)

Hosted by Auburn University's Water Resource Center, the annual Alabama Water Resources Conference is a forum for all participants of our water resources community, providing opportunities for conversation about the many multidisciplinary aspects of water resources, and making connections that will improve how we understand the complex water issues that are of importance to this state, the region, and the nation. This year's event had **three hundred twenty (320)** attendees representing ten states.

Electric Vehicle Event (September 19, 2022)

Education event on the benefits of owning and driving an Electric Vehicle. Displayed electric vehicles in addition to e-scooters and e-bikes from local owners in Auburn. An estimated **one hundred six (106)** participants attended and could ask owners about the cars and their characteristics. Driving EVs doesn't contribute to fuel & oil spills in the driveway, at the gas station, etc.

Staff Council Meeting Sustainability Presentation (September 21, 2022)

The Office of Sustainability presented to Auburn Staff Council and shared resources including pollution prevention and recycling. The presentation informed an estimated **four hundred sixty (460)** university employees about the Battery Recycling Program, which promotes recycling this common commodity rather than discarding used batteries as solid waste which could contribute to polluted water resources.

Fort Benning Help the Hooch (October 14, 2022)

Auburn University has entered into an Intergovernmental Support Agreement (IGSA) with Fort Benning located near Columbus Ga and adjacent to the Alabama-Georgia border to provide support to the base's environmental compliance responsibilities. Auburn University was pleased to support Fort Benning's annual Help the Hooch river clean up event to remove litter and debris from the Chattahoochee River.

Nearly **fifty-two (52)** volunteers participated in the event to remove one hundred thirty (130) bags of trash.

Alabama Stormwater Association (ASA) Virtual Seminar (November 29, 2022)

Many of Alabama's citizens residing in the Black Belt have long suffered from inadequate sanitary sewage management. Too often, a household's wastewater is discharged directly into the backyard or into a nearby stream without any treatment. Wastewater stored in a lagoon also poses a hazard, especially when an intense storm causes the lagoon to overflow. While the problems are obvious, solving the problem is not straightforward given the realities of working with limited resources, meeting specific regulations, and gaining the trust of the community.

During the seminar, Ms. Sherry Bradley, Director of Alabama Department of Public Health (ADPH) Bureau of Environmental Services explained the Black Belt's wastewater infrastructure challenges, discussed the work that she and others have done, and shared the lessons learned from the successes and setbacks that she and her partners have experienced. Dr. Kevin White, Professor Emeritus and former Chair of the Department of Civil, Coastal, and Environmental Engineering at the University of South Alabama and coordinator of the Consortium for Alabama Rural Water/Wastewater Management provided research solutions for wastewater and stormwater treatment with particular emphasis on small community and onsite wastewater systems. During the seminar, Dr. White provided technical knowledge and perspective regarding the wastewater infrastructure issues in the Black Belt and the mitigation measures being implemented.

These valuable lessons may be able to be applied to the work stormwater professionals provide to address stormwater-related challenges in our local communities. Auburn University has representation on the ASA Board and helped to facilitate the webinar. The virtual webinar was attended by **seventy-nine (79)** individuals.

Film Festival with the Alabama Rivers Alliance (January 9, 2023)

The Office of Sustainability hosted the Sustainability Speaker Series on Your Journey to Health and Wellbeing Hydration Seminar and Check-In. During this speaker series **sixty-nine (69)** employees learned about the Pillars of Health and Performance (respiration, hydration, nutrition, movement, recovery) and how to be aware of your body's needs through mindfulness activities. The second pillar of hydration talked about water as the primary source of hydration and the value of clean water and protecting this natural resource.

Tree Planting (January 26, 2022)

Sixty-six (66) volunteers from the City of Auburn and Auburn University hosted a tree planting at the University's Kreher Preserve and Nature Center located on Hwy 147. Volunteers helped plant short leaf pine trees in the Preserve. These trees and other vegetated features serve as natural filters to accommodate stormwater in an urban setting while also preserving our environment.

Sustainability 2000: Introductory to Sustainability (February 22, 2023)

The study of sustainability examines the interconnectedness of three dimensions: the environment, society, and the economy. Using these dimensions as a lens, students explore various systems that connect socienty (e.g., our food, climate change, how we build our cities, our energy choices, how we dispose of our waste, environmental justice, human population growth and consumption, among others). Through instructor and guest lectures, dynamic discussion sections, and reflection assignments, the class will discuss case studies, see sustainability in action here at Auburn University through campus tours, reflect on practices and barriers, and assess how the community can work together at different levels to make more sustainable choices.

On February 22, 2023, the **twenty (20) students** toured the campus to showcase 'sustainability in action. The tour focused on three post construction stormwater management practices to include, The Mell Street Bioswale, the Foy Union Courtyard Rain Garden and the Brown Kopel Green Roof. This interactive tour allowed students to understand why post construction stormwater management practices are important to preserve water resources, enhancing the campus landscape and protecting the campus infrastructure.

ALOAS Vegetation Lunch and Learn (March 15, 2023)

The Auburn, Lee County, Opelika, Auburn University and Smith Station (ALOAS) MS4 group continues to meet quarterly to promote events, exchange ideas and seek opportunities for collaboration. On March 15, 2023, ALOAS offered the community a lunch and learn session focusing on the different temporary and permanent vegetative practices that should be used during a construction project to minimize erosion and sedimentation. The session was open to the public but targeted local contractors. The session was attended by **forty (40)** individuals.

Green Infrastructure Tour – Lee County Master Gardeners (March 23, 2023)

Auburn University's Water Resource Center led individuals from the Lee County Master Gardeners program on a field tour of various green infrastructure best management practices on Auburn University's campus. **Twenty-four (24)** individuals participated in the event.

Peers Network Battery Recycling Program (continual)

Sponsored by the Office of Sustainability, the Ambassadors are introduced to all the sustainability-related practices and policies at Auburn University, including the Storm Water Management Plan and practices on campus. The Battery Recycling initiative has located over 60 bin locations around campus to allow the campus community an easy way to recycle their used batteries rather than throwing them in the solid waste trash receptacle. These batteries along with others collected by Risk Management & Safety accounted for **nine thousand four hundred sixty-seven (9467 Lbs.)** recycled during this reporting period.

Auburn Student Government Association's Big Event (March 25, 2023)

Hundreds of student volunteers provided community services to the surrounding community. The BIG Event gives thousands of Auburn students the opportunity to give back to the Auburn & Opelika community. One group of **seventeen (17)** students was assigned to a creek clean up on campus to remove litter and debris. As students go into the community to serve the local community through yard work or housework, the student body was able to make a to make a positive impact.

The Alabama Cooperative Extension System (ACES) is the primary outreach and engagement organization for the land-grant mission of Alabama A&M University and Auburn University in cooperation with Tuskegee University. ACES provides research-based educational programs in agriculture; forestry, wildlife, and natural resources; family and consumer sciences; economic and community development; 4-H and youth development; and urban affairs.

The ACES Water Program is the Extension hand of the Auburn Water Resource Center. Lead by Dr. Eve Brantley and her outreach team, the goal of the water program is to make a positive impact on water quality issues throughout Alabama. This is accomplished through on-the-ground Extension and outreach, watershed resource planning, education, and behavior change initiatives. By empowering communities, farmers, cities, and schools to become better stewards of their water resources, the water program facilitates multi-year grant-funded projects that use a community-led, watershed-based approach to remediating impaired urban waters and planning for a more sustainable future.

See the Auburn University's Water Resource Center Annual Report (**Appendix C**) to learn of all the AUsome people and services provided this past year!

Campus Watershed Clean-up Efforts

Campus Location	Date	Target	Participation	Participants
PMC at Coliseum	10-21-22	Invasive Plants	8	AU Students and Staff
PMC at Coliseum to Intramural Field House	02-01-23	Litter and Debris	15	AU Faculty & Staff, ALOAS representatives, AU Water Resource Center
PMC at Lem Morrison and Biggio	02-09-23	Litter and Debris	9	AU Staff
PMC buffer repair between Thach Ave and W. Magnolia	03-10-23	Litter and Debris	5	AU Greek Life & Contracted Services
PMC at Coliseum to Intramural Field House	03-25-2023	Litter and Debris	17	AU Students (Big Event)

Measure Specific Evaluation

Auburn University continued to be successful in providing a variety of information to the campus and local community related to stormwater management, water quality and water conservation. AU strives to engage faculty, staff, and students through education to serve the community and to become more involved in making a positive impact. During this reporting period, AU continued to foster an open and collaborative relationship with the many different groups on and off campus, from the engagement activities offered by ASA, through the continued pursuit of research initiatives and funding to improve and protect water resources as witnessed by the

Auburn Water Resource Center and Alabama Cooperative Extension System, the innovative research being done by the many academic disciplines on campus and for the continued efforts by the Office of Sustainability and the Student Government Association to engage the campus community.

Measure specific activities planned for the next reporting period

During this next reporting period, Auburn University plans to continue to promote the goals of the storm water program to include at a minimum:

1. Continue to sponsor and collaborate with on and off campus shareholders for multiple PMC campus clean up events as well as others in the watershed.
2. Participate with ALOAS partners to offer the annual Lee County Water Festival (May 2023).
3. Continue to have active ASA Board membership to assist in the development and delivery of multiple learning opportunities.
4. Continue promotion of Parkerson Mill Creek (PMC) and the PMC Watershed Management Plan.
5. Continue to foster the partnership with ALOAS by meeting quarterly to communicate local storm water challenges, opportunities, and community concerns.
6. Continue to promote sustainability initiatives to include storm water management best management practices.

BMP: Illicit Discharge Detection & Elimination

During this reporting period, Auburn University continued to utilize the storm water infrastructure engineering assessment to prioritize areas on campus requiring further assessment and/or repair along with field observations by AU Facilities Management – Utilities and Energy, Mechanical Shops, Water Resources and Risk Management & Safety to investigate sources of potential illicit discharges. An updated map (**Appendix D**) identifies the storm water conveyance system maintained by the University.

Through continued educative efforts, an informed campus community is relied upon to relay observations of potential illicit discharges. These observations are communicated to AU Administration through multiple methods to include Facility Management's 24-hour Work Management System (844-HELP), the AU "Ask Facilities" web tool or communicating directly to Risk Management & Safety. Dry weather screening is performed on an annual basis on the outfalls identified on campus. Screening includes visual observations of flow, and outfall condition and may include water quality monitoring to further assess suspected conditions. Upon discovery or suspicion of a potential illicit discharge, further investigation is initiated. A variety of measures can be deployed to track the source of the illicit discharge and may involve multiple AU groups as well as the City of Auburn, as necessary. The completed Outfall Reconnaissance Inventory Field Sheets documenting the outfalls evaluated this reporting period and IDDE Details are included as (**Appendix E**) to this report.

During this reporting period **two hundred twenty-seven (227)** individuals received annual Stormwater Training that covers the elements of the IDDE program.

Measure Specific Evaluation

Auburn University continued IDDE efforts and address sources of pollutants from being introduced into the University's MS4. Accomplishments and ongoing actions supporting this BMP included:

- Maintenance of the University's Policy on Storm Water Compliance continues to serve as the regulatory mechanism for this measure.

- On-line stormwater training was provided to operational personnel that included illicit discharge detection and elimination elements. During this reporting period, training was provided to **two hundred twenty-seven (227)** individuals were trained.

- Several illicit discharges were identified during this reporting period including three (3) involving sanitary/storm cross connection or sanitary sewer overflows into the University's MS4. Upon discovery, efforts were taken to cease the continued discharge. AU Facilities Management maintains a current map of all infrastructure and are instrumental in recognizing and aiding in the investigation of suspect conditions as well as in the response and repair of identified illicit discharges.

- The continued evaluation of the infrastructure engineering assessment and evolving conditions gives Facilities Management direction and enables a prioritized approach to infrastructure management.

Measure specific activities planned for the next reporting period

Auburn University will continue the Illicit Discharge Detection and Elimination measures as defined in the University's SWMPP. During the next reporting period, the following activities are planned:

1. Provide annual IDDE training to increase community's level of awareness to pollution prevention.
2. Explore opportunities to improve stream corridor and infrastructure condition as needed through continual investigation.
3. Partner with AL Watershed Stewards, the City of Auburn and local Lee County Rotary Club to perform a creek cleanup on campus and install storm drain markers throughout the City of Auburn and Auburn University jurisdictions.

BMP: Construction Site Storm Water Runoff Control

In accordance with Part III (B) (4) of NPDES Permit No ALR040030, Auburn University developed the Construction Site Storm Water Runoff Control Best Management Practice. Auburn University's Facilities Management is responsible for all construction projects on campus and implementation of this measure.

During this reporting period, a total of seven (7) qualifying construction sites were managed on campus that required storm water protection measures to be implemented and maintained.

Details specific to these seven (7) sites to include the number of inspections, number of complaint notices and number of run off complaints can be viewed in (**Appendix F)** of this report.

Measure Specific Evaluation

Based on the requirements identified in Part III (B) (4) of NPDES Permit No ALR040030, Auburn University implemented Design Standards assist in meeting these requirements. The Design Standards establish a measurable performance standard to qualify the effectiveness of on-site controls. During this reporting period, AU improved the Construction Front Ends including revised Notice of Land Disturbance and a Notice of Intent to Close Permit. These documents will improve Contractor accountability throughout the course of the permitted construction permit. AU's continued use of in-stream turbidity monitoring for select sites aids in the evaluation of the site-specific Construction Best Management Practices Plan (CBMPP). The annual training events allowed for a collaborative exchange of information and developed a common understanding of expectations.

Measure specific activities planned for the next reporting period

Auburn University will continue implementing Construction Site Storm Water Runoff Control as defined in the University's SWMPP. During the next reporting period, the following activities are planned:

1. Provide annual training event to AU Project Managers and Design Engineers.
2. Perform and document inspections as required to evaluate the effectiveness of the Contractors implementation of the design CBMPP and initiate escalation as necessary.
3. Investigate opportunities to collaborate with local governments to offer training event to the public.
4. Through the ALOAS partnership, offer ESC Workshop (Lunch and Learn) for Engineering/Designers.

BMP: Post Construction Storm Water Runoff Control

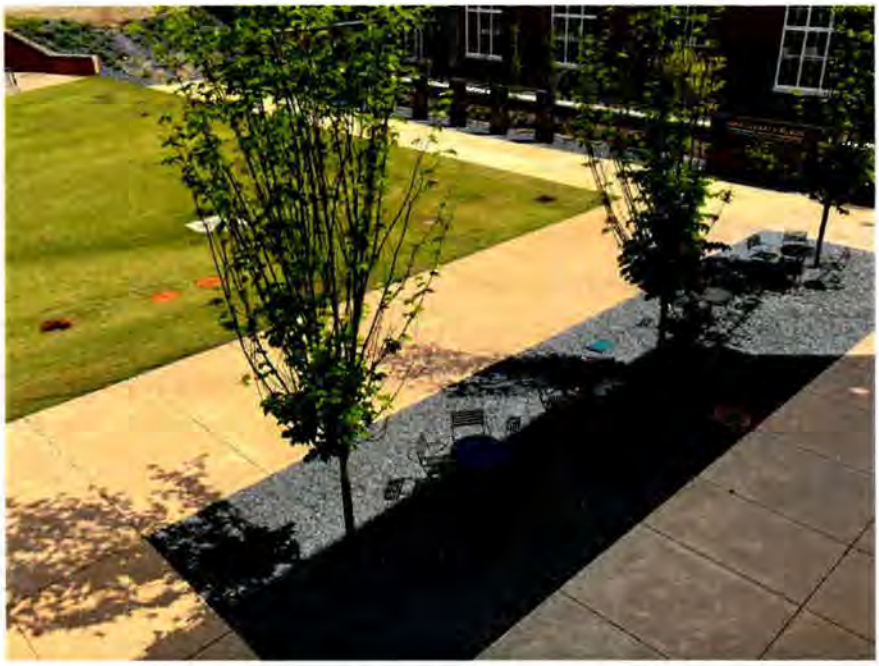
As a component of the Auburn University Design and Construction Standards, the Post-Construction Stormwater Manual provides the principles, guidelines, and standards for stormwater management design for new campus projects. By providing a set of comprehensive best management practices for stormwater management, future campus construction projects will protect and improve water quality, provide campus flood protection, and reduce stormwater flow rates to downstream waters. The Post Construction Stormwater Manual includes a stormwater management review checklist to review compliance with the University's design

standards. Multiple projects were completed, are in construction, or are currently being designed during this reporting year.

A listing of projects **reviewed** in this reporting year are found below:

Project No.	Project Name	Stormwater Best Management Practices (BMPs)					
		Detention or Retention	Subsurface Detention	Bioretention	Pervious Paving	Green Roof	Stream Restoration
18-538	College of Education	No	No	Yes	No	No	No
20-378	STEM & Ag Science Complex	No	No	Yes	Yes	Yes	No
21-514	Parkerson Mill Creek Greenway, PH III	Yes	No	No	No	No	No

Multiple projects also were **completed** that added permanent post-construction stormwater best management practices to the campus inventory. A highlight of those can be found in the images below and bolded in the overall summary of the campus wide BMPs located in (**Appendix G**).



Cistern at Academic Classroom & Labs Complex (ACLC) & the Edge at Central Dining Facility - AU Project # 15-034.

Pervious Paving along S. College St. (Tony & Libba Rane Culinary Science Center- AU Project # 16-370)

Green Roof at Rane Culinary (Tony & Libba Rane Culinary Science Center- AU Project # 16-370)

Detention Pond at Chilled Water Plant (Chilled Water Plant- AU Project # 18-444)

Bioretention at Chilled Water Plant (Chilled Water Plant- AU Project # 18-444)

Bioretention at Chilled Water Plant (Chilled Water Plant- AU Project # 18-444)

Bioretention at the Football Performance Facility (Football Performance- AU Project # 19-441)

Bioretention and cistern at the Football Performance Facility (Football Performance- AU Project # 19-441)

Detention Pond at Transformation Gardens (Duncan Drive Extension and Infrastructure- AU Project # 20-105)

Measure Specific Evaluation

During this reporting period, Auburn University continued efforts to strengthen this measure through education and increasing expectations. Utilizing an extensive plan review process, AU staff have been successful in promoting many stormwater best management practices during this reporting period. During this review period, ADEM performed an audit of AU's Stormwater Management Program and identified opportunities to improve the documentation of post construction BMP inspections.

Measure specific activities planned for the next reporting period

Auburn University will continue implementation of Post Construction Storm Water Management in new development and redevelopment as defined in the University's SWMP. During the next reporting period, the following activities are planned:

1. Continue to provide training to University Design Leads on the Design Standards required for future University projects.
2. Improve the documentation of annual post construction BMP inspections utilizing the AiM Work Management application used by Facilities Management.
3. Continue to maintain an updated inventory of storm water BMPs.

BMP: Pollution Prevention / Good Housekeeping

Parking Lot, Parking Deck Cleaning Program

Facility Management's Landscape Services utilizes street sweepers daily to address the removal of accumulated debris **three hundred twenty-five (325 yd ^{3})** from parking lots, parking decks, streets, pedestrian walkways, and sidewalks. Landscape Services provides daily inspections of streets, street drains and curbs. During fall and winter months, Landscape Services removes leaves and other debris daily throughout campus. Landscape Services also incorporates the use of a large vacuum that allows the landscape debris, which is harvested on campus grounds, to be removed before it is introduced into a storm drain system. Mowers with mulching equipment pulverize leaves, limbs and debris on site which reduces possible storm drain blockage. This process is reduced during the spring and summer months unless storms or high winds cause leaves, limbs, and debris to cover our campus grounds and streets; at that point we use the same procedures as the fall and winter removal. This system not only reduces the problem of storm drain blockage but allows AU to compost the harvested material and eventually incorporate it back into campus landscape.

Storm Water Conveyance System Cleaning Program

Auburn University Landscape Services inspects all storm water conveyance outfalls routinely throughout the year. This is done after each heavy rain or storm activity. If any large limbs, trees, or debris are blocking the area, the blockage is removed as quickly as possible. Streamside maintenance to include invasive plant removal continues and allows better accessibility to Parkerson Mill Creek. On-going efforts to remove invasive vegetative species and replace with native species have further enhanced Parkerson Mill Creek. Throughout this reporting period, Landscape Services calculated the removal of approximately **one thousand twenty-five (1025 yd ^{3})** of landscape debris.

Integrated Pest Management

All areas maintained on campus have a four-tiered management system, however all areas are not equal in tolerance and /or action thresholds. These thresholds are based on pedestrian traffic, tolerance thresholds set down by building occupants and historic importance of an area.

Understanding that over application of chemicals to control pests on campus landscapes can have a detrimental effect to the environment, Facility Management's Landscape Services objective is to survey/monitor selected areas on campus and determine if the threshold of a pest warrants chemical applications. Incorporation of best management practices such as aeration, fertilization and proper irrigation promote healthy trees, shrubs and turf while reducing the unnecessary level of chemicals applied to the environment.

An estimated 235 acres of AU main campus's premium areas (turf, trees, shrubs, and hardscapes) receives targeted IPM application. Leaves on turf and turf clippings are mulched and/or recycled to reuse on campus. An estimated **four thousand two hundred (4200 yd ^{3})** of grass clippings are beneficially reused on campus each year.

Waste Reduction & Recycling

The Waste Reduction and Recycling Department (WRRD) manages all waste contracts on campus and works with faculty, staff, and students daily to provide easy and convenient recycling to Auburn University.

WRRD manages the Campus Building Recycling program, Game Day Recycling, Recycle Mania, office clean-outs, toner and ink cartridge recycling, indoor/outdoor event trash and recycling bins, and secure document shredding services. WRRD promotes initiatives to divert waste from being managed to a landfill. Diverted wastes include construction demolition waste, paper, cardboard, aluminum cans, plastics, steel cans, metals, and toner/ink cartridges.

WRRD promoted America Recycles Day (November 15, 2022), educating people about the importance of recycling to our economy and environmental well-being, and encouraging individuals to commit to learn more about recycling in their community, to recycle consistently and correctly, and to buy products made from recycled content.

WRRD initiatives are also promoted through education and outreach on campus and in the surrounding community. Outreach initiatives encompass events, including Earth Day Extravaganza, GameDay Recycling, Collegiate Recycling Challenges, Plastics Free July and community partnerships, such as the East Alabama Recycling Partnership.

Spill Prevention Control & Countermeasure (SPCC) Program

Auburn University maintains compliance efforts consistent with 40 CFR 112 and the University's SPCC Plan. The SPCC Plan addresses the University's program to manage oil and other petroleum products defined by 40 CFR 112.7(2) and 40 CFR 112.7(4). This includes the management of fuel oils, gasoline, lubricating oils, hydraulic and dielectric fluids as they are utilized and stored on Auburn University's main campus. The University inspects all applicable containers (fuel tanks, generators, elevators, and drums) monthly and all transformers annually. These routine inspections evaluate the condition of the containers to ensure proper functionality and management to prevent releases to the environment.

Applicable SPCC containers	Number of Inspections	Volume of SPCC applicable oil (gallons)
Tanks, Generators, Drums	720	145120
Elevators	1332	17380
Pad Mount Transformers	244	58707
Satellite Equipment	17	3769

Used Oil Recycling Program

Auburn University's Department of Risk Management & Safety and Facilities Management routinely collects and recycles used oil from campus operations. Throughout this reporting period, AU retained the services of Universal Environmental Services, LLC based out of Peachtree City Georgia for removal and recycling of campus generated used oil. Throughout this reporting period, Universal Environmental Services collected 1850 gallons of used oil from campus operations for recycling.

Used Cooking Oil Recycling Program

Auburn University's Dining Services collects and recycles all used cooking oil generated from the University's dining facilities. During this reporting period, approximately 1378 gallons of used cooking oil was collected from AU dining facilities under contract with Green Earth Options Bio-Fuel. The new Rane Culinary Science Center also collects used cooking oil and manages it through Beau Project, LLC. For recycling. During this reporting period Beau Project received 730 gallons of used cooking oil.

Regulated Waste Management

Risk Management & Safety promotes proper regulated waste management throughout all campus operations. Regulated waste includes RCRA hazardous waste, universal waste lamps, batteries, pesticides, mercury-containing equipment, electronic waste, medical waste and pathological waste generated on campus. Through reoccurring training events, consultations and other marketing strategies, proper management of these items are promoted. Disposal of these items via solid waste or sanitary sewer is prohibited. Proper container management by the generator is critical to ensure compliance with regulatory requirements and to prevent releases of harmful chemicals to the environment. During this reporting period, AU properly managed 25451 individual containers of hazardous waste, 12793 Lbs. of medical waste and 385950 Lbs. of pathological waste.

Municipal Facility Inspection Program:

During this reporting period, AU completed the development of a Standard Operating Procedures (SOP) for performing municipal facility inspections. The purpose of the SOP is to prevent or minimize to the extent practicable pollutants from being discharged from these locations/operations into AU's MS4. Each facility will be responsible for maintaining their respective areas and improving conditions as identified. Annual stormwater inspections at these facilities will include assessment of such activities as equipment washing, street sweeping, road maintenance, waste management, vegetation control, fleet maintenance, external building maintenance and material storage. The SOP, Inventory of Municipal Facilities and the Inspection Records for this reporting period can be found in (**Appendix H**)

Measure Specific Evaluation

Throughout this reporting period, the on-going preventative measures taken by multiple groups on campus have removed items that could have been ultimately destined to our local landfill, groundwater and or surface waters. The University promotes waste minimization efforts to include regulated hazardous and non-hazardous wastes, solid waste, e-waste and construction and demolition waste through reuse and recycling where possible. The University has developed sound practices to manage equipment and operations to minimize releases to the environment and provides training to University and contractual employees on these best management practices.

Measure specific activities planned for the next reporting period.

Auburn University will continue to perform and promote sound pollution prevention good housekeeping management practices.

1. Continue to provide pollution prevention environmental awareness training to campus.

2. Continue to promote proper waste management practices and waste minimization activities through education and action.
3. Maintain an updated municipal facility inventory.
4. Perform annual municipal facility inspection and address non-conformance activities if discovered.

Monitoring Plan for Pathogen Impairment

The Parkerson Mill Creek Watershed is in Lee County; the watershed is part of the Chewacla Watershed, in the lower Tallapoosa River Basin. The 9.3 square mile (5,981 acres) watershed contains 21,000 meters (68,500 ft.) of main stem perennial stream and approximately 86,000 meters (282,152 ft.) of tributary stream length. The stream network empties into Chewacla Creek, just south of the H.C. Morgan Water Pollution Control Facility

The watershed includes the City of Auburn, Auburn University, and the surrounding areas. The headwaters of Parkerson Mill Creek are approximately 3,000 meters (9,845.5 ft.) in length and are located on the campus of Auburn University.

In 2007, ADEM listed Parkerson Mill Creek as impaired on Alabama's 303(d) List of Impaired Waters for pathogens from point source and non-point sources, primarily urban runoff, and storm sewer connections. As such, Auburn University monitors Parkerson Mill Creek by performing bacteriological analysis through the AU Water Resource Center's Alabama Water Watch (AWW) program. The results of the monitoring effort for this reporting period are contained in (**Appendix I**) of this Annual Report.

Appendix A

Stormwater Management Program Plan

May 2023

AUBURN

UNIVERSITY

STORM WATER MANAGEMENT PROGRAM PLAN

Prepared by

AUBURN UNIVERSITY

STORM WATER MANAGEMENT COMMITTEE

May 2023

Table of Contents

INTRODUCTION

This Storm Water Management Program Pan (SWMPP) was developed in general accordance with the guidelines provided in Title 40 Code of Federal Regulations (CFR), Part 122.26(d) incorporated by reference in the Alabama Administrative Code 335-6 as administered by the Alabama Department of Environmental Management (ADEM) and NPDES ALR040030 Phase II General Permit effective October 1, 2021.

The purpose of this SWMPP is to describe Auburn University and its operation and identify the Best Management Practices (BMPs) to be utilized to reduce the discharge of pollutants from Auburn University's main campus to the maximum extent practicable (MEP) to protect water quality and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA).

The Storm Water Committee formed to develop this SWMPP is comprised of individuals from both academic and operational areas of campus. The collaborative effort was strengthened by its diversity and includes the following individuals and their areas of responsibility or interest:

Dr. Chris Anderson, Forestry & Wildlife Sciences
Mr. Nicholas Blair, Facilities Management – Planning, Design and Construction
Dr. David Blersch, Biosystems Engineering
Dr. Eve Brantley, AU CSES, ACES
Mr. Ben Burmester, Facilities Management – Planning, Design and Construction
Ms. Mona Dominguez, Water Resource Center - Alabama Water Watch
Mr. Mike Freeman, Risk Management and Safety
Ms. Valerie Friedmann, Architecture Planning & Landscape Architecture
Ms. Joan Hicken, Facilities Management – Waste Reduction & Recycling
Dr. Thorsten Knappenberger, AU CSES
Mr. Mike Kensler, Office of Sustainability
Mr. Dan King, Facilities Management
Mr. Eric Kleypas, Athletics Department – Field Management
Mr. Judd Langham, Facilities Management – Planning, Design and Construction
Ms. Charlene LeBleu, Architecture Planning & Landscape Architecture
Mr. Glenn Loughridge, Campus Dining

Mr. Tom McCauley, Risk Management & Safety
Dr. Chandana Mitra, Department of Geosciences
Ms. Wendy Peacock, Facilities Management – Planning, Design and Construction
Mr. Buster Reese, Facilities Management - Planning, Design and Construction
Ms. Amy Strickland, Office of Sustainability
Mr. Justin Sutton, Facilities Management – Landscape Services
Mr. William Walker, Campus Dining
Dr. Amy Wright, Department of Horticulture

Objective

The primary goal of the developed SWMPP is to improve the quality of surface waters at Auburn University by reducing the amount pollutants contained in storm water runoff to a maximum extent practicable (MEP). Auburn University will seek to reduce the pollutants from entering storm water runoff through the implementation of best management practices. The SWMPP will describe the minimum best management practices to be implemented by Auburn University and as required by ADEM General Permit ALR040030 (effective date October 1, 2021).

1.1 MS4 Description

Auburn University is a large land grant educational institution located in Auburn, Lee County, Alabama comprised of approximately 1800 acres of contiguous property. Auburn University is one of the major liberal arts and science universities in the southeast. The area surrounding Auburn University consists of residential property to the east and southeast, agricultural property to the southwest and west and urban city property to the north and east.

1.2 Definitions

ADEM: Alabama Department of Environmental Management responsible for enforcing environmental regulations in the State of Alabama.

Best Management Practices (BMP): may include schedule of activities, prohibition of practices, maintenance procedures or other management practices to prevent or reduce

the pollution of Waters of the State. BMPs also include treatment requirements, operating procedures and practices both structural and non-structural designed to control runoff, spillage or leaks, sludge or waste disposal or drainage from raw material storage.

Clean Water Act (CWA): The Clean Water Act is an Act passed by U.S. Congress to control water pollution. It is formally referred to as the Federal Water Pollution Control Act of 1972 or Federal Water Pollution Control Act Amendments of 1972.

Code of Federal Regulations (CFR): A codification of the final rules published daily in the Federal Register. Title 40 of the CFR contains the environmental regulations.

Composite Sample: A sample collected with consideration giving towards flow and time.

Control Measure: any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to Waters of the State.

Discharge: when used without a qualifier, refers to "discharge of pollutant" as defined as ADEM Admin Code 335-6-6-.02(m)

EPA: Environmental Protection Agency

Grab Sample: A sample that is taken on a one-time basis without consideration of the flow rate of the sampling media and without consideration of time.

Green Infrastructure: refers to systems and practices that use or mimic natural processes to infiltrate, evapotranspiration (the return of water to the atmosphere either through evaporation or by plants), or reuse storm water or runoff on the site where it is generated.

Illicit Connection: any man-made conveyance connecting an illicit discharge directly to municipal separate storm sewer (MS4)

Illicit Discharge: defined at 40 CFR 122.26(b)(2) and refers to any discharge to a municipal separate storm sewer (MS4) that is not entirely composed of storm water,

except those discharges authorized or excluded under an NPDES permit.

Low Impact Development (LID): an approach to land development (or redevelopment) that works with nature to manage storm water as close to its source as possible. LID employs principles such as preserving and recreating natural landscape features, minimizing effective imperviousness to create functional and appealing site drainage that treat storm water as a resource rather than a waste product.

Maximum Extent Practicable (MEP): the technology based discharge standard for municipal separate storm sewer systems to reduce pollutants in storm water discharges that was established by the Clean Water Act (CWA) Section 402(p). A discussion of MEP as it applies to small MS4s like Auburn University is found at 40 CFR 122.34

Municipal Separate Storm Sewer System (MS4): A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm ditches) owned or operated by a state, city, town or other public body having jurisdiction over the collection and conveyance of storm water which is not a combined sewer and which is not part of a publicly owned treatment works.

Notice of Intent (NOI): the mechanism used to "register" for coverage under a General Permit.

National Pollutant Discharge Elimination System (NPDES): The national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits and imposing and enforcing pretreatment requirements under Section 307, 318, 402 and 405 of the CWA.

Permit: NPDES ALR040030 issued to Auburn University & became effective October 1, 2021.

Permittee: Auburn University

Priority Construction Site: any qualifying construction site in an area where the MS4

discharges to a waterbody which is listed on the most recently approved 303d list of impaired waters for turbidity, siltation or sedimentation, any waterbody for which a TMDL has been finalized or approved by EPA for turbidity, siltation or sedimentation, any waterbody assigned the Outstanding Alabama Water use classification in accordance with ADEM Admin Code 335-6-10-.09 and any waterbody assigned a special designation in accordance with 335-6-10-.10

Storm water: defined at 40 CFR 122.26(b)(13) storm water runoff, surface runoff and drainage.

Storm Water Management Program Plan (SWMPP): A plan developed for implementation of NPDES permit requirements.

Waters of the State: All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce. Waters of the State include but are not limited to all interstate waters and interstate lakes, rivers, streams (including intermittent streams), mudflats, sand flats, wetlands, sloughs, play lakes or naturals ponds.

REGULATORY MECHANISM

Auburn University utilizes the Policy on Storm Water Management Compliance as the regulatory mechanism to prohibit activities on University Land that would be non-compliant with either the Permit or the SWMPP. Auburn University Facilities Management is the responsible for administering the Policy on behalf of the University.

Policy on Storm Water Management Compliance

CONTROL MEASURES

Storm water management controls or BMPs will be implemented to prevent pollution in storm water discharges from Auburn University's main campus. The Permit requires BMPs addressing five minimum control measures to be part of the SWMPP. These BMPs are described in the remaining subsections of this section with applicable measurable goals and scheduled implementation dates for each BMP.

The five control measures addressed by this SWMPP include:

2.1 Public Education and Public Involvement on Storm Water Impacts
2.2 Illicit Discharge Detection and Elimination
2.3 Construction Site Storm Water Runoff Control
2.4 Post Construction Storm Water Management in New and Redevelopment
2.5 Pollution Prevention / Good Housekeeping for Municipal Operations

2.1 Public Education and Public Involvement on Storm Water Impacts

An informed and knowledgeable "community" at Auburn University will be an important factor in the success of this SWMPP to reach its goal of reducing the discharge of pollutants associated with storm water runoff. The effective implementation of this measure will help Auburn University to ensure:

1) Greater awareness to the University community of the importance of managing discharges to local receiving waters.
2) Greater support from the University community for the storm water management program; and
3) Compliance with the requirements of the General NPDES Permit.

The Public Education and Public Involvement on Storm Water Impacts control measure consists of BMPs that focus on the development and promotion of educational materials and efforts designed to inform the public about the impacts that storm water discharges have on local water bodies and to foster community partnerships that provide opportunities for stakeholders to learn more about storm water practices and policies, demonstration projects and assessments of local water quality.

Educational materials, activities and partnerships will be designed and promoted to engage the public to better understand the impacts of storm water pollution, local MS4 efforts as well as to highlight and support measures to reduce the introduction of pollutants in storm water. The measure is expected to reach the constituents within the MS4s permitted boundary (Auburn University's main campus). An emphasis of these

outreach efforts will be towards the removal of known pollutants from storm water to include floatables, pathogens and sediment.

A plan for effectively engaging in Public Education and Public Involvement on Storm Water Impacts is presented below as required by the Permit.

Target Audience

Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Pollutants of Concern

Primary storm water pollutants of concern for Auburn University include pathogens as listed on the 2010 303(d) list for Parkerson Mill Creek, floatables i.e. litter from improper trash disposal, and sediment from land disturbing activities and in-stream erosion processes.

Communication Mechanisms

Communication of storm water pollution prevention principles will include the following mechanisms AU web sites, interactive campus storm water BMP tour, Auburn News which is an electronic bulletin that reaches the entire student body and all Auburn University employees, representation at various local citizen advisory groups and other state stormwater association meetings, inclusion of storm water and stream information on signage in strategical locations on campus, presentations to student and watershed organizations, continued participation in university-led activities such as Camp War Eagle, Earth Day/Week, Arboretum Game Day events, Office of Sustainability events and efforts, Alabama Cooperative Extension Services (ACES) initiatives, multiple academic research and educational initiatives, student service events (i.e. Big Event, IMPACT) and various social medial platforms.

Responsible Parties

The Public Education and Outreach measure development and implementation will be overseen by a partnership between the University Water Resources Center, the Office of Sustainability, Facilities Management – Waste Reduction and Recycling, and the Department of Risk Management and Safety (RMS).

Measurable Outcomes and Evaluation

Effectiveness of the activities related to this measure will be measured through:

1. Number of presentations delivered – various AU programs will provide at a minimum of four presentations specific to storm water management annually.
2. RMS maintains the central electronic resource (webpage) to serve as primary reference site for the updated University SWMPP. RMS-Stormwater
3. Quantify the number of individuals reached through University led activities throughout each reporting cycle. Audience includes students, staff, employees and visitors to Auburn University and is targeted at 2500 individuals each reporting cycle.
4. Number of University led PMC cleanup efforts. AU aims to promote three cleanup events throughout each reporting cycle.
5. Documented attendance to regular local, State and regional association meetings and/or programs.
6. Continued attendance, partnership, or participation in Alabama Water Watch monitoring workshops.

2.2 Illicit Discharge Detection and Elimination

Per the Permit, an Illicit discharge is defined at 40 CFR Part 122.26(b)(2) and refers to "any discharge to an MS4 (municipal separate storm sewer system) that is not composed entirely of storm water …" Exceptions include NPDES permitted discharges and discharges resulting from fire-fighting activities. Some examples of illicit discharges include sanitary wastewater, effluent from septic tanks, car wash wastewaters, improper oil disposal, and radiator flushing disposal, laundry wastewaters, construction site runoff, spills from roadway accidents, and swimming pool discharges (that have not been de-chlorinated). These illicit discharges can enter a storm drain system either through a

direct connection (e.g., a pipe connected directly to the storm drain) or indirectly (e.g., spills, dumped chemicals, cracks in sanitary sewers). As a result, inadequately treated wastes potentially containing high levels of pollutants, such as heavy metals, oil and grease, toxics, viruses, and bacteria, are discharged into the MS4 and ultimately to the Waters of the State. The next subsections describe Auburn University's current program to detect and eliminate both direct and indirect illicit discharges into the storm drain system and associated plans for the permit term.

Regulations require identification and elimination of all non-storm water discharges and appropriate responses to protect the campus community and the environment. Auburn University relies upon multiple methods to identify illicit discharges as quickly as possible. All potential illicit discharges should be reported to Auburn University Risk Management and Safety upon discovery. Discovery and reporting methods include reports conveyed from the campus community to the University's Facilities Management Department by dialing 844-HELP, by utilizing the electronic reporting feature known as "Ask Facilities" or by contacting RMS at 844-4870. Reports might originate from faculty, staff, students, or campus visitors. AU staff with specific training on illicit discharge identification will increase the probability of proper and timely reporting.

Investigation of illicit discharges will commence as soon as practicable but always within 5 working days of the initial discovery or report. Investigation and mitigation measures are implemented upon detection to identify possible source(s) of illicit discharges and to either prevent or reduce adverse impacts to the MS4. A written record will be maintained to document each illicit discharge investigation. Record will include the nature of the discharge, possible sources, mitigation, or cleanup measures implemented, any steps taken to prevent similar discharges in the future, and documentation of any ADEM reporting required.

Target Audience

Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Responsible Parties

The Illicit Discharge Detection & Elimination measure development and implementation will be overseen by a partnership between the Auburn University Facilities Management, RMS and the University Water Resource Center.

Measurable Outcomes and Evaluation

1. Update map of all campus storm water outfalls. As required by Section III(b)(i) of the Permit, Auburn University will provide annual updates of the map to ADEM by May 31st each year.
2. Promote illicit discharge detection and elimination program/elements at a minimum of four training/educational efforts.
3. Continue bacteriological monitoring to identify possible sources of impairment.
4. Perform and document annual dry weather screening/outfall inspections. Evaluate all outfalls to PMC during each reporting cycle.
5. Continue to investigate and prioritize repair or replacement of suspect infrastructure.
6. Evaluate IDDE Standard Operating Procedure (SOP).

Auburn University
Illicit Discharge Detection and Elimination
Standard Operating Procedure

1. Purpose of Standard Operating Procedure:

A. To improve the quality of surface water and ground water within the watershed areas owned and maintained by Auburn University by preventing illicit discharges and illicit connections.

B. To prevent the discharge of contaminated storm water runoff from Auburn University properties and operations into the storm drainage system and Parkerson Mill Creek.

C. To comply with the requirements of Auburn University storm water permit.

D. To comply with all United States Environmental Protection Agency and State laws applicable to storm water discharges.

2. Definitions

An Illicit Discharge is the discharge of pollutants or non-storm water materials to the storm drainage system via overland flow or direct dumping of materials into a catch basin or inlet. Examples of illicit discharges include overland drainage from car washing or cleaning paint brushes in or around a catch basin.

An Illicit Connection is the discharge of pollutants or non-storm water materials into the storm drainage system via a pipe or other direct connection. Sources of illicit connections may include sanitary sewer taps, wash water from laundry facilities, wash water from sinks, or other similar sources.

3. Illicit Discharges

No University employee, student, visitor, contractor, department, or unit shall cause or allow discharges into the Auburn University storm drainage system which are not composed entirely of storm water, except for the allowed discharges listed in Section 5.

Prohibited discharges include but are not limited to: oil, anti-freeze, grease, chemicals, wash water, paint, animal waste, garbage, and litter.

4. Illicit Connections

The following connections are prohibited, except as provided in Section 5 below: Any drain or conveyance, whether on the surface or subsurface, which allows any non-storm water discharge, including but not limited to sewage, process water, wastewater, or wash water, to enter the storm water drainage system, and any connections to the storm drain system from indoor drains or sinks.

5. Allowed Discharges

The following discharges to the storm drainage system are allowed:

A. Discharges that are specifically permitted under a State or federal stormwater program.

B. Incidental non-storm water discharges which do not significantly contribute to the pollution of Auburn University surface waters and are limited to the following:

- Water line flushing
- Reclaimed water line flushing
- Landscape irrigation, including but not limited to reclaimed water
- Diverted stream flows
- Rising groundwater
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation drains
- Air conditioning condensate (that does not contain biocide)
- Springs
- Water from crawl space pumps
- Footing drains
- Flows from riparian buffers and wetlands
- De-chlorinated swimming pool discharges
- Flows from emergency firefighting
- Building wash water without detergents, cleaners, or corrosive additives.

C. If Auburn University determines that any of the above discharges contribute to pollution of campus streams or other surface waters or is notified by a State or federal government agency, such as the Alabama Department of Environmental Management, that the discharge must cease, Auburn University will instruct the responsible person to cease the discharge.

D. When instructed to cease the discharge, the discharger of substances newly classified as pollutants shall cease the discharge immediately and be given reasonable time to make corrections so that the discharge will not continue.

E. Nothing in this SOP shall affect a discharger's responsibilities under federal or State law.

6. Enforcement and Penalties

A. Whenever Auburn University finds that a violation of this SOP has occurred; Auburn University may order compliance by written notice to the responsible person.

Such notice may require without limitation:

i. The performance of monitoring, analyses, and reporting;

ii. The elimination of prohibited discharges or connections;

iii. Cessation of any violating discharges, practices, or operations;

iv. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property;

v. Payment of any fee, penalty, or fine assessed against Auburn University to cover remediation cost;

vi. The implementation of new storm water management practices; and

vii. Disciplinary action up to and including dismissal, where appropriate.

B. Such notification shall set forth the nature of the violation(s) and establish a time limit for correction of these violation(s). Said notice may further advise that, if applicable, should the violator fail to take the required action within the established deadline, then Auburn University Department of Risk Management & Safety will initiate work orders for the appropriate corrective actions and the individual or University department will be charged for the cost.

7. Dry weather outfall inspection and monitoring

Auburn University shall, at a minimum, visually inspect PMC all outfalls during dry weather conditions each reporting cycle. Flows suspected of containing illicit discharges due to the presence of odors, colors or sheens shall be investigated. Investigation may include water chemistry field testing and/or bacteriological sampling and will be dependent upon the characteristics of the observed discharge. Investigations may involve Facilities Management, Risk Management and Safety and AU Water Resource Center resources to trace source of suspect illicit discharge. Upon source discovery, measures will be implemented to cease discharge immediately as possible. Should immediate cessation not be practicable, a schedule will be developed. Should the source of discharge be determined to originate off campus, the MS4 community having jurisdiction will be notified within 24 hours as well as the Department. The physical condition of the outfall shall also be noted during the inspections. Compromised outfall structures requiring maintenance will be documented with a work order to correct noted deficiency submitted within 24 hours of its discovery.

8. Promote Illicit Discharge Detection & Elimination SOP

Promotion of this SOP shall be presented to Auburn University community via multiple methods to raise awareness via various means.

2.3 Construction Site Storm Water Runoff Control

In accordance with Part III (B) (4) of NPDES Permit No ALR040030, Auburn University developed the Construction Site Storm Water Runoff Control Best Management Practice.

Target Audience

The Construction Site Runoff Control Program was developed for the contractors performing construction activities on campus and to assist AU Facilities Management personnel responsible for managing development on campus. Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Responsible Parties

Auburn University's Facilities Management is responsible for all construction projects on campus and implementation of this measure.

Auburn University Design and Construction Standards serve as the University's regulatory mechanism for the Construction Storm Water Control Program and were recently revised to strengthen the storm water management efforts on all University construction sites including the following sections.

Section G10 – Site Preparation

2022-Design-Standards-Binder-Final.pdf (auburn.edu)

Section G10 of the Design and Construction Standards was modified to provide the Contractor a contractual responsibility to meet the objectives of the General NPDES Permit. This section requires that the Contractor:

- Meet the requirements outlined in the Alabama Handbook for Erosion and Sediment Control and Storm Water Management of Construction Sites and Urban Areas.
- Demonstrate compliance with ALR100000 Notice of Intent requirements prior to initiating any earthwork at the site with use of the "AU Land Disturbance Authorization" form contained in the contract Front End documents.
- Prior to requesting Termination of Coverage per ALR100000 from the State, the Contractor shall provide AU a completed "Notice of Intent to Close Permit" form to obtain concurrence from AU.
- Require turbidity monitoring at specified construction sites to ensure that site runoff not result in an increase of 50 NTU turbidity standards.

Auburn University will conduct routine turbidity monitoring at specified sites to determine the effectiveness of the on-site controls design, installation, and maintenance. Construction contracts administered by Facilities Management further identify the procedures that will be taken by the Auburn University should NPDES non-compliance be identified to include withholding payment and notification to ADEM.

Measurable Outcomes and Evaluation

1. Perform in-house construction site inspections in accordance with Contractors NPDES Permit responsibilities.
2. Perform annual training erosion and sedimentation training to AU designers and project managers to better understand the G10 requirements.
3. Continue in-house turbidity monitoring of select sites to quantify sedimentation impacts.

2.5 Post Construction Runoff Control

The post construction runoff control measure is designed to ensure that new construction designs do not result in increased storm water pollution.

Development can alter landscapes by increasing impervious areas (i.e., roofs, driveways, parking lots) and changing drainage patterns, thereby increasing the storm water rate, volume and velocity of runoff from a site. This can lead to degradation of receiving waters and increases in the occurrence of flooding. Storm water from developed impervious areas can also contain a variety of pollutants that are detrimental to water quality, such as sediment, nutrients, heavy metals, pathogenic bacteria, and petroleum hydrocarbons.

The goal of post-construction storm water management is "to reduce runoff volume and improve water quality by replicating the natural hydrology and water balance of the site, based on historical conditions and undeveloped ecosystems in the region." LEED v4 Our intention is to develop storm water management designs in a manner best replicating natural site hydrology processes. New projects on campus shall address water quality and quantity impacts early in the design process to provide long-term water quality benefits. The implementation of Green infrastructure BMP designs that reduce impervious surfaces, provide water filtering services and encourage infiltration is preferred. New projects offer many opportunities to reduce storm water runoff from the site.

To meet the requirements of Part III B5 of the Permit, Auburn University developed a Campus Landscape Master Plan (CLMP) as part of the overall Comprehensive Campus Master Plan. The Master Plan is approved by the Board of Trustees and serves as the mechanism to ensure that the objectives of the CLMP are achieved. The CLMP embraces a sustainable environment, including an emphasis on Low Impact Development and Green Infrastructure approaches to storm water management that incorporate best management practices for maintenance and implementation schedules, as well as campus watershed restoration opportunities.

The Design and Construction Standards performance requirements state a project is to not increase peak storm water flows for the 2-, 5-, 10-, and 25-year storm events as well as provide water quality treatment for the first 1.2 inches of rainfall with an 80 percent Total Suspended Solids (TSS) reduction goal. Projects are also encouraged to reduce overall

storm water runoff volume by reducing impervious cover campus wide and promotion of infiltration.

Responsible Parties

Auburn University's Facilities Management is responsible for the implementation of the CLMP and implementation of this measure.

Measurable Outcomes and Evaluation

1. Provide training to AU Design Leads, maintenance personnel, and others on AU storm water management preferences, updated Design Standards / Post Construction Storm Water Manual.
2. All new and redeveloped AU properties shall develop a storm water management plan to comply with the Design and Construction Standards. A report documenting the implementation or consideration of Low Impact Development and Green Infrastructure shall be reviewed per the Post Construction Storm Water Manual by Facilities Management.

2.6 Pollution Prevention / Good Housekeeping for Municipal Operations

Efforts to survey University activities and facilities will continue. These surveys focus on the storage of materials at the variety of areas managed by Facilities Management, Auxiliary Operations, various academic departments, and AU Athletic Department.

Part III.B.5.a. of the Permit requires Auburn University to inventory "municipal facilities" including municipal facilities that have a potential to discharge pollutants via storm water runoff, develop strategies to reduce litter, floatables and debris from entering the storm sewer system from these facilities, develop SOPs detailing good housekeeping practices to be employed at the appropriate municipal facilities, develop an inspection program to evaluate these operations and to develop a good housekeeping training program for municipal facility staff as outlined in the SOP.

Standard Operating Procedure

Municipal Facilities have been inventoried and are listed below. Due to the activities conducted at these facilities and because of the potential to introduce pollutants to the University's MS4, have been identified as "Municipal Facilities" and fall subject to this SOP. Implementation requires inspection of the municipal facility by the responsible AU entity. All discharges will cease upon discovery as possible. The responsible AU entity Supervisor will be notified of all discharges upon discovery. All discharge(s) and/or potential discharge(s) and the subsequent corrective measures taken will be documented be documented, and recommended corrective measures taken immediately. Record of inspection will be maintained by AU for a period of three years and will be made available for internal and external audit.

Inventory of Municipal Facilities

Facilities Management	**Athletics**
Auto/Small Engine Shop	Plainsman Park
Fleet Fueling Station	Jordan Hare Stadium
Materials Management	Soccer Complex
Landscape Services	Jane B. Moore Softball Complex
Facilities Management Yard	Hutsell Rosen Track
Chilled Water Plant I	Auburn Arena
Chilled Water Plant II	Watson Field House
Chilled Water Plant III	Football Performance Facility (under construction)
District Energy Plant	
Hot Water Plant I	**Risk Management & Safety**
Hot Water Plant II	Environmental Health & Safety I
Satellite Steam Plant	Environmental Health & Safety II

44 kV Substation	Environmental Health & Safety III
115 kV Substation	Pathological Waste Incinerator
Student Affairs	
Foy Dining (CD)	
Village Dining (CD)	
Student Center (CD)	
Terrell Hall Dining (CD)	
Wellness Kitchen (CD)	
Sports Plex (CR)	
Intramural Field House/Equipment Pole Barn (CR)	

CD: Campus Dining

CR: Campus Recreation

GL: Greek Life

Measurable Outcomes & Evaluation:

1. Quantify regulated and non-regulated waste management and minimization volumes from campus operations.
2. Perform and document "municipal facility" annual inspections.
3. Provide and document annual pollution prevention training to municipal facility personnel.
4. Update "municipal facility" inventory annually.

Responsible Department:

Auburn University RMS, Facilities Management, Office of Student Affairs and Athletics

Spill Prevention Control and Countermeasure (SPCC) Program

AU RMS has developed and maintains the campus SPCC Plan. The Plan calls for the proper storage and management of oil containing equipment. The SPCC Plan identifies the procedures to be followed to regularly (monthly) inspect applicable containers and instructs "oil handling personnel" on the appropriate measures to take in the event of a spill.

Measurable Outcomes and Evaluation:

1. Document the number of inspections performed on regulated storage units on an annual basis (SPCC).
2. Document the number of preventive maintenance procedures performed on tanks, valves, pumps, pipes, and other equipment.
3. Document the number of training presentations performed and the number of employees trained annually.
4. Document the annual volume of used oil managed by AU.

Responsible Department:

AU RMS & Facilities Management

Monitoring Plan for Pathogen Impairment

In accordance with Part V of the Permit, AU will continue to evaluate Parkerson Mill Creek (PMC) Watershed for its pathogen impairment. PMC is in Lee County; the watershed is part of the Chewacla Watershed, in the lower Tallapoosa River Basin. The 9.3 square mile (5,981 acres) watershed contains 21,000 meters (68,500 ft.) of main stem perennial stream and approximately 86,000 meters (282,152 ft.) of tributary stream length. The stream network empties into Chewacla Creek, just south of the H.C. Morgan Water Pollution Control Facility

The watershed includes the City of Auburn, Auburn University and the surrounding areas. The headwaters of PMC are approximately 3,000 meters (9,845.5 ft.) in length and are located on the campus of Auburn University. In 2007, ADEM listed PMC as impaired on Alabama's 303(d) List of Impaired Waters for pathogens from point source and non-point sources, primarily urban runoff and storm sewer connections. As such, AU regularly monitors PMC by performing bacteriological analysis through the AU Water Resource Center's Alabama Water Watch (AWW) program. The results of the monitoring effort will be reported with the submission of the annual report. Collaboration with the City of Auburn will continue as both entities contain and have influence on this watershed.

REVIEW AND UPDATING SWMPP

AU will review the SWMPP annually in conjunction with the preparation of the annual report required under Part IV, Section B of the General Permit.

The annual report will be submitted to the ADEM for each year of the permit term. Reports are due to ADEM by May 31st of each year and will cover activities for the previous reporting period (April 1- March 31).

The reports consist of:

- Compliance status including:
    - Assessment of the appropriateness of the BMPs
    - Progress towards achieving statutory goals of reducing the discharge of pollutants and protecting water quality.
    - Measurable goals for each of the minimum control measures
- Results of information collected and analyzed, if any, during the reporting period.
- Any changes made to the SWMPP since the last annual report and a summary of the storm water activities AU plans to initiate during the next reporting cycle.
- Proposed changes to the SWMPP
- Description and schedule for implementation of additional BMPs that may be necessary based on monitoring results.
- Monitoring data

Annual reports are signed by the Stormwater Executive Committee and facilitated by Risk Management and Safety.

Appendix B

Policy on Storm Water Management Compliance

April 1, 2022, through March 31, 2023

POLICY ON STORMWATER MANAGEMENT COMPLIANCE

I. POLICY STATEMENT

Auburn University ("The University") shall manage its stormwater in compliance with the National Pollutant Discharge Elimination System (NPDES) General Permit ALR040030 ("The Permit"), or subsequent permits, and the University's Stormwater Management Plan.

II. POLICY PRINCIPLES

A. The University's "Policy on Stormwater Management Compliance" governs the University's Stormwater Management Program. This Policy guides the University in administering the requirements and procedures of the Permit as required of the University and as administered by the Alabama Department of Environmental Management (ADEM).

B. Regulatory Background:

1. The United States Environmental Protection Agency (EPA) and ADEM have designated the University as an owner/operator of a Phase II municipal separate storm sewer system (MS4). The EPA's Clean Water Act Phase II Stormwater Regulations (implemented March 2003) require operators of regulated Phase II MS4s to obtain an NPDES permit and to develop a stormwater management program designed to protect water quality and to prevent harmful pollutants in stormwater runoff from being discharged into the MS4.

2. The intent of the Clean Water Act Phase II regulations is to reduce adverse impacts to water quality and aquatic habitat by instituting the use of best management practices on sources of stormwater discharges not regulated by other measures. In order to comply with the Clean Water Act Phase II regulations, the University must satisfy six "minimum control measures," including:

   a. Public Education and Outreach

   b. Public Participation/Involvement

   c. Illicit Discharge Detection and Elimination

   d. Construction Site Runoff Control

   e. Post-Construction Stormwater Management

   f. Pollution Prevention/Good Housekeeping

3. Parkerson Mill Creek was determined to be "Impaired Water" and consequently placed on the ADEM 303(d) list of impaired and threatened waters ("303(d) list") in 2008 and 2010. Known water quality concerns have been identified as pathogens resulting likely from urban runoff and sewer cross connections. A Total Daily Maximum Load (TMDL) for Parkerson Mill Creek was issued by ADEM in September 2011. Implementation of this stormwater TMDL was addressed in the Permit.

C. A University Stormwater Management Plan (SWMP) has been created and annually updated since 2009. The SWMP was created in compliance with EPA and ADEM requirements as identified in the Permit and in concert with the Campus Master Plan, the Landscape Master Plan and the Policy for Natural Resource Management. The SWMP details the measures that are to be taken to meet the six minimum control measures identified above, identifies the University entity(s) having responsibility towards each measure and the metrics to evaluate their effectiveness.

D. It is University policy that all stormwater shall be managed in accordance with the SWMP and that all University organizations and non-University organizations operating on University's main campus shall conduct their operations and activities in compliance with this plan.

III. EFFECTIVE DATE

This policy is in affect as of June 15, 2016.

IV. APPLICABILITY

This policy applies to all University organizations, as well as all University operations, construction projects, and other campus activities.

V. POLICY MANAGEMENT

Responsible Office: Auburn University Facilities Management

Responsible Executive: Executive Vice President, Auburn University

Responsible Officer: Associate Vice President, Facilities

VI. DEFINITIONS

303(d) List: List of impaired and threatened waters (stream/river segments, lakes) that the Clean Water Act requires all states to submit for EPA approval every two years on even-numbered years. States identify all waters where required pollution controls are not sufficient to attain or maintain applicable water quality standards, and establish priorities for development of TMDLs based on the severity of the pollution and the sensitivity of the uses to be made of the waters, among other factors. States then provide a long-term plan for completing TMDLs within 8 to 13 years from first listing.

ADEM: Alabama Department of Environmental Management, the governing body responsible for enforcing environmental regulations in the State of Alabama.

Best Management Practices (BMP): Activities or structural improvements that help reduce the quantity and improve the quality of stormwater runoff. BMP include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Campus Master Plan: As stipulated in the University's "Campus and Capital Projects Planning Policy," the Campus Master Plan "is a physical plan and comprehensive set of policy directives that together provide long-range strategies for the growth and development of the Auburn University campus." The Campus Master Plan is updated periodically, as required, and the Board of Trustees reviews and approves all changes.

Campus Master Plan Land Use Element: The chapter of the Campus Master Plan that establishes formal Land Use Categories and Land Use Area boundaries that define permitted uses for all University Land.

Clean Water Act (CWA): Act passed by the United States Congress to control water pollution, formally called the Federal Water Pollution Control Act of 1972 or Federal Water Pollution Control Act Amendments of 1972.

Environmental Protection Agency (EPA): United States agency responsible for protecting human health and the environment.

Executive Facilities Committee: Appointed by the President, a senior group of University Administrators, representing major facility stakeholders, that considers and formulates recommendations for the President, regarding campus facility plans and programs.

Landscape Master Plan (LMP): Developed as a component, or sub-plan, of the Campus Master Plan, the LMP provides prescriptive requirements of a design approach that will guide the University toward implementation and realization of the landscape vision for the Auburn campus. The LMP document aids in defining the project scope of each campus project that affects Auburn University exterior facilities and provides tools designed to ensure that each project is viewed within its larger campus context and contributes to the success of the larger campus landscape.

Master Plan Committee: A representative committee appointed by the President that provides input regarding facilities, planning, transportation planning, land planning, infrastructure, and site development activities. The Committee also provides input on the continuing administration, maintenance, implementation, change, and updating of the Campus Master Plan.

Municipal Separate Storm Sewer System (MS4): is a conveyance or system of conveyances owned by a state, city, town, village or other public entity that discharges to waters of the U.S.

Natural Resource Management Area (NR): The Campus Master Plan Land Use Category and Land Use Area, identified on the Campus Master Plan as "NR," that identifies areas of the campus that are designated for natural resource protection and enhancement with limited development potential. NR areas include land located on either side of Parkerson Mill Creek and Town Creek and their tributaries, FEMA 100- year floodplains, wetlands, streams, steep slopes, and critical buffer zones.

NPDES: National Pollutant Discharge Elimination System. The national program for issuing, modifying, revoking, reissuing, terminating, monitoring, and enforcing permits and for imposing and enforcing pretreatment requirements under sections 307, 318, 402, and 405 of the Clean Water Act (CWA).

Parkerson Mill Creek: One of two principal stream systems, including all tributaries and main channel streams, that flows on the University main campus (see appendix 1); a tributary of Chewacla Creek, which flows into the Tallapoosa River.

Parkerson Mill Creek Watershed: Area of land on the University main campus that drains the tributaries, main channel, stream banks, and floodplain of Parkerson Mill Creek (see appendix 1).

Pathogens: Microorganisms that can cause disease in other organisms or in humans, animals, and plants. They may be bacteria, viruses, or parasites and are found in sewage, in runoff from animal farms or rural areas populated with domestic and/or wild animals, and in water used for swimming. Fish and shellfish contaminated by pathogens, or the contaminated water itself, can cause serious illnesses.

Permit: The National Pollutant Discharge Elimination System (NPDES) General Permit ALR040030 issued to Auburn University.

Policy for Natural Resource Management: University policy that implements the Campus Master Plan Land Use Element as it relates to University Land designated as natural resource protection and enhancement areas with limited development potential, including the protection, enhancement, and restoration of Parkerson Mill Creek, Town Creek, and the tributaries within their watersheds on the main campus.

Stormwater: Runoff occurring when precipitation flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater runoff from naturally soaking into the ground. These discharges often contain pollutants in quantities that could adversely affect water quality. Federal regulations require permits for stormwater discharges associated with industrial activity, construction projects (disturbing one or more acre of land) and MS4s. These permits require controls to reduce the transport of pollutants in storm water to waters of the United States.

Stormwater Management Plan (SWMP): University plan developed for the implementation of NPDES permit requirements.

Stormwater Management Program: University plans, procedures and practices required by EPA and ADEM to obtain NPDES MS4 permit and NPDES construction stormwater permits for construction projects (disturbing one or more acre of land).

Stormwater Pollutant: Chemicals, sediment, trash, disease-carrying organisms, and other contaminants picked up by stormwater as it runs off roofs and roads into rivers, streams and other water bodies. Studies show that stormwater pollution rivals sewage plants and large factories as a source of damaging pollutants in drinking water and at water bodies.

TMDL: Total Maximum Daily Load designates the calculated maximum amount of pollutant that a body of water can receive and still safely meet water quality standards. TMDL= Wasteload Allocation (NPS) + Load Allocation (PS) + Margin of Safety.

Town Creek: One of two principal stream systems, including all tributaries and main channel streams that flow on the University main campus (see appendix 1); a tributary of Chewacla Creek, which flows into the Tallapoosa River.

Town Creek Watershed: Area of land on the Auburn University main campus that drains the tributaries, main channel, stream banks, and floodplain of Town Creek (see appendix 1).

University Land: All land owned or leased by Auburn University.

VI. POLICY PROCEDURES

A. Auburn University Facilities Management ("Facilities Management") will administer this policy on behalf of the University.

B. The University's Department of Risk Management and Safety is primarily responsible for reporting the University's compliance efforts, maintaining the University's SWMP and facilitating progress with other University groups that have responsibility towards the Permit's overall objective

C. Facilities Management shall establish a Stormwater Management Committee (SWMC) as a subcommittee of the Master Plan Committee. The SWMC shall:

1. Develop, implement, and maintain a Stormwater Management Program to, comply with the Permit, at a minimum, with a goal to have Parkerson Mill Creek removed from the 303(d) list between 2016 and 2021 consistent with 303d list guidelines;

2. Review and update the SWMP as needed;

3. Develop a checklist to ensure compliance with this policy and the management plans described herein.

D. The SWMC will include members from the Master Plan Committee as well as additional ad hoc representatives, to include, but not limited to, the Alabama Cooperative Extension System; Athletics Department; Campus Planning; College of Agriculture; College of Sciences and Mathematics; Design and Construction; Housing & Residence Life; Landscape Services; the Office of Risk Management and Safety; the Office of Sustainability; the School of Forestry; and Division of Student Affairs.

VIII. SANCTIONS

This Policy serves as the regulatory mechanism to prohibit activities on University Land that would be non-compliant with either the Permit or the Stormwater Program.
In the event of non-compliant activity by an organizational unit of the University, the appropriate chain of command will be used to bring the activity back into compliance or cause it to stop. In the event of intentional non-compliant activity by a student(s), the Code of Student Discipline may apply. For intentional non-compliant activities by a University employee(s), progressive discipline measures may apply. For intentional or negligent non-compliant activities resulting from a University Contractor, work stoppage, formal project review, and appropriate corrective actions may apply.

IX. EXCEPTIONS

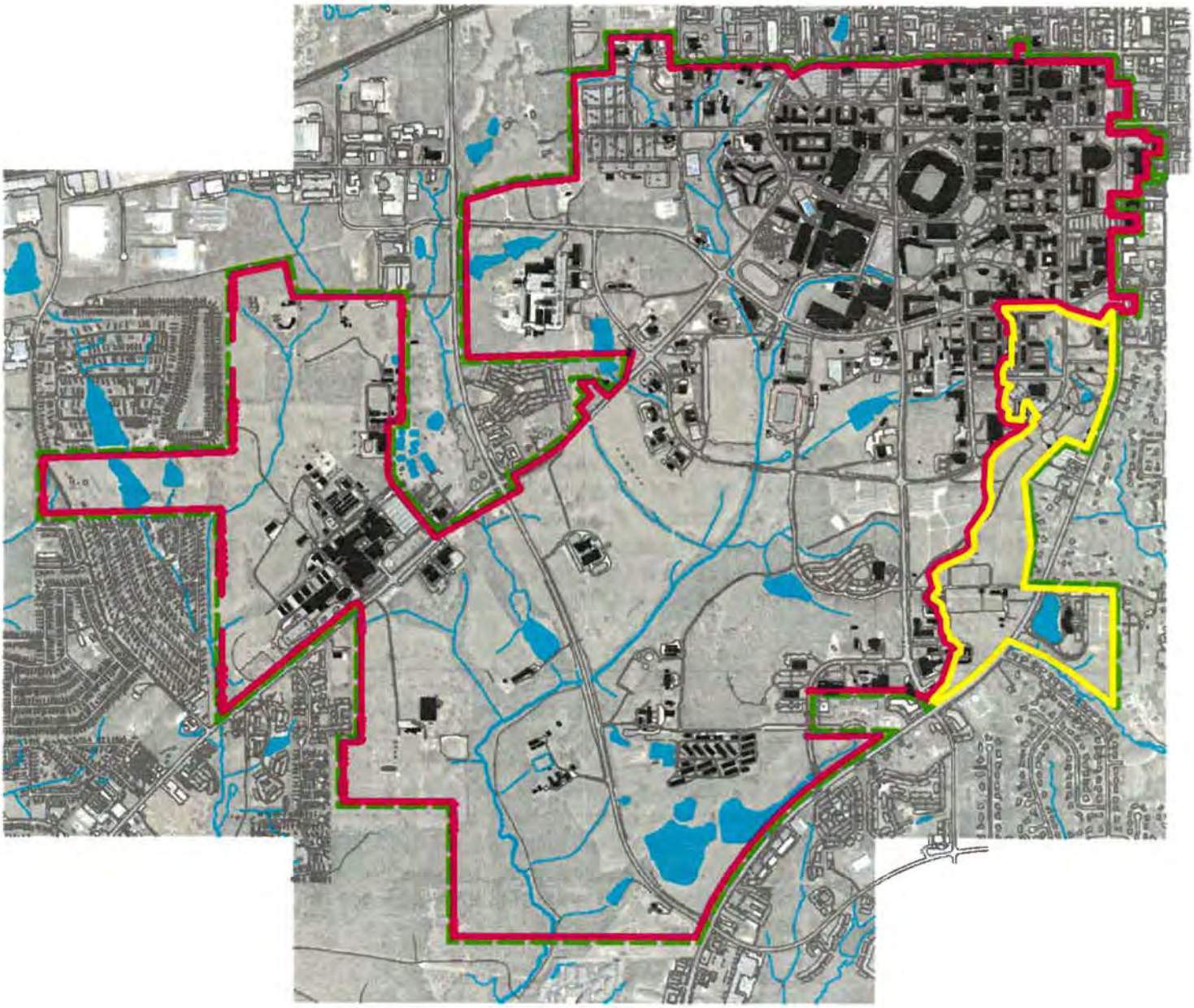
This policy applies to the Auburn University main campus. All other University Land is exempt.

X. INTERPRETATION

The Responsible Officer is authorized to interpret questions and issues regarding the requirements and applicability of this policy.

ADOPTED: June 15, 2016

APPENDIX1



AUBURN UNIVERSITY

0 1800 3600

SCALE:1:1800

LEGEND

AUBURNUNIVERSITY MAINCAMPUSBOUNDARY

PARKERSONMILL CREEKWATERSHED

TOWNCREEK WATERSHED

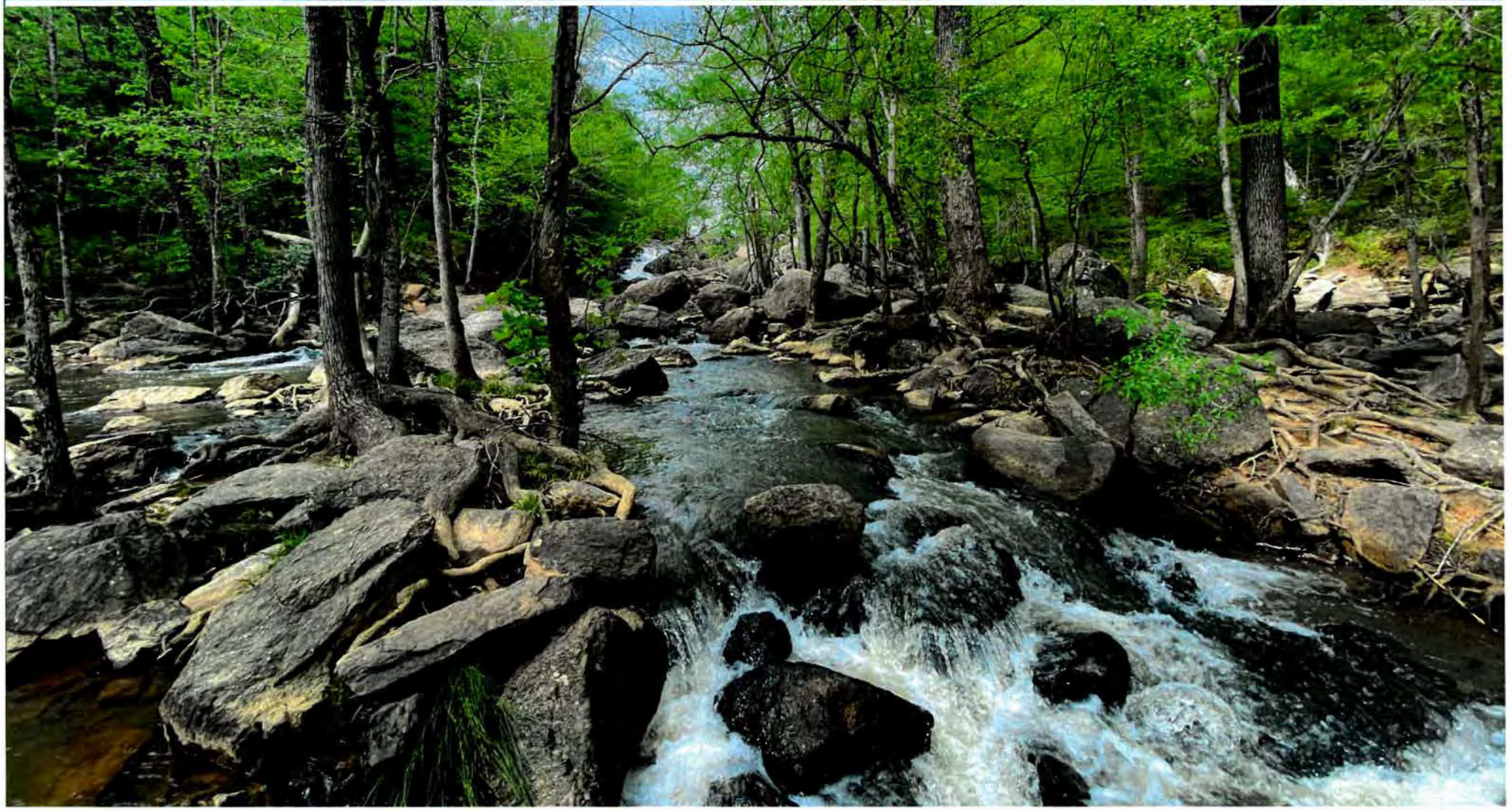
Appendix C

AU Water Resource Center Annual Report

2022

AUBURN
UNIVERSITY
Water Resources Center

2022 ANNUAL REPORT



BRINGING SCIENCE TO PEOPLE & PEOPLE TO SCIENCE

WHO WE ARE

WATER RESOURCES TEAM

EVE BRANTLEY
DIRECTOR

MONA DOMINGUEZ
AWW DIRECTOR

SERGIO RUIZCORDOVA
DATA COORDINATOR

SYDNEY ZINNER
AWW VOLUNTEER
MONITOR COORDINATOR

RACHEL MCGUIRE
COMMUNICATIONS
COORDINATOR

CAROLINA RUIZ
ADMINISTRATIVE
ASSISTANT

JESSIE CURL
EXTENSION WATER
PROGRAM COORDINATOR

LAURA BELL
EXTENSION WATER
PROGRAM COORDINATOR

ADAM NEWBY
WATER RESOURCES
RESEARCH ASSOCIATE

OUR MISSION

To facilitate interdisciplinary collaboration among Auburn University faculty, staff, and students on water-related research, outreach, and instruction; conduct innovative research to find practical solutions for current and future water issues; and empower private citizens to become active stewards of water resources.

OUR VISION

Is a world where water resources are used, managed, and protected in a more scientifically-informed and sustainable manner, resulting in resilient ecosystems and thriving communities.

OUR OBJECTIVES

To provide research-based information to environmental professionals and policy makers for improved management and protection of Alabama's water resources.

To promote holistic management of water resources that supports multiple uses (agricultural, industrial, ecological, recreational, etc.).

To facilitate interdisciplinary, multi-institutional collaboration among Auburn University faculty, staff, and students on water-released research, education, and community engagement.

To empower private citizens to be better stewards of local, regional, national, and international water resources through water quality monitoring training.

ALABAMA WATER WATCH
ALABAMA EXTENSION

EXTENSION

ALABAMA WATER WATCH

Alabama Water Watch (AWW) is a citizen volunteer water quality monitoring program. The mission of AWW is to improve both water quality and water policy through citizen monitoring and action. AWW uses EPA-approved monitoring plans with a community-based approach to train citizens to monitor conditions and trends of their local waterbodies. With a "data-to-action" focus, AWW helps volunteers collect, analyze, and understand their data to make positive impacts.

ALABAMA WATER WATCH
2022 | BY THE NUMBERS

- 256 ACTIVE MONITORS
- 59 FIELD SESSIONS CONDUCTED
- 683 ONLINE COURSES COMPLETED
- 483 SITES MONITORED
- 454 INDIVIDUALS CERTIFIED
- 3,611 NEWSLETTER SUBSCRIBERS
- 4,133 DATA RECORDS SUBMITTED
- 389 FIELD SESSION PARTICIPANTS
- 42 ALABAMA COUNTIES CONTAIN AN ACTIVE SITE

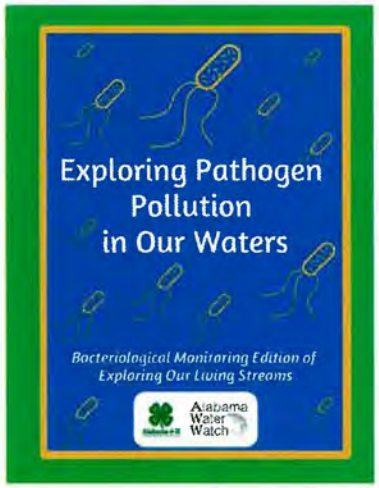
IN 2022, AWW VOLUNTEERS CONTRIBUTED 18,866 HOURS MONITORING, A VALUE OF $565,037

EXTENSION

4-H ALABAMA WATER WATCH

4-H Alabama Water Watch (4-H AWW) is the statewide youth water quality monitoring program created through a partnership between Alabama Water Watch and Alabama 4-H, the youth development program of the Alabama Cooperative Extension System (ACES).

4-H AWW increases environmental literacy by building capacity in volunteer trainer and educators to provide youth with awareness and understanding of watershed issues and tools that cultivate the critical thinking skills students need to identify and solve problems related to water quality.



4-H AWW IN 2022

- **15** EDUCATORS RECEIVED EQUIPMENT FOR MONITORING WITH STUDENTS
- **17** EDUCATORS CERTIFIED IN EOLS STREAM BIOMONITORING
- **6,481** YOUTH PARTICIPANTS
- **62** WATER DATA RECORDS SUBMITTED
- **8** EDUCATORS CERTIFIED IN AL RIVERS

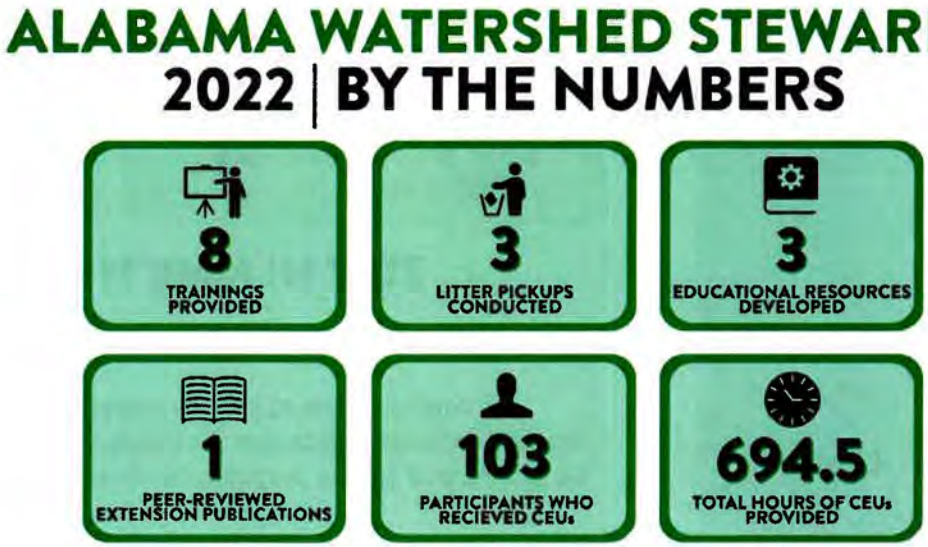
Alabama 4-H
Alabama Cooperative Extension System

ALABAMA WATERSHED STEWARDS
ACES • ADEM

EXTENSION

ALABAMA WATERSHED STEWARDS

Alabama Watershed Stewards (AWS) is a statewide science-based educational program that promotes healthy watersheds, increases understanding of water pollution, and provides the knowledge and tools needed to prevent and resolve local water quality problems. The goal of the AWS program is to increase citizen awareness and knowledge about the function of watersheds, their potential impairments, and local watershed protection strategies. The program includes practical information about local watersheds, provides opportunities to connect with local community groups, and presents engaging tools for encouraging individuals to take leadership roles in improving their local water quality.



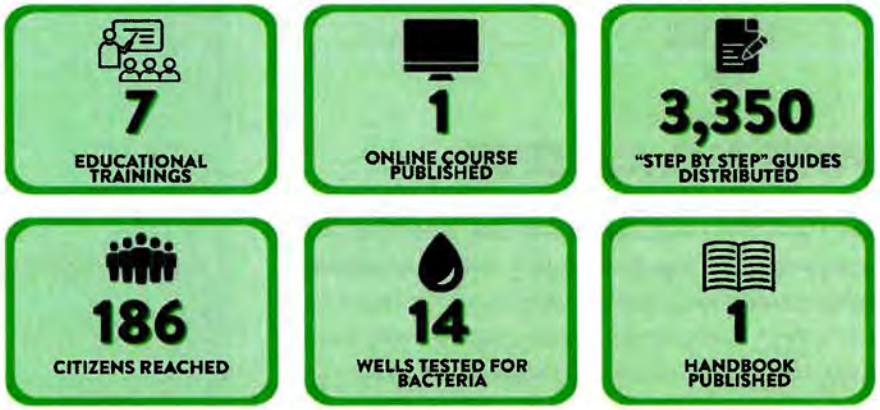
EXTENSION

ALABAMA PRIVATE WELL PROGRAM

The Alabama Private Well Program was established in 2020 and has since become a highly valued and referenced resource to both Alabama Cooperative Extension System (ACES) clients and staff across the state. This program increases access to private well educational materials to empower, engage, and equip well users with the resources needed to protect their water systems.

The core values of the program are to deliver meaningful information to homeowners with private wells, educate well owners on the importance of proper well stewardship, and serve as a resource for well owners and Extension personnel to obtain answers and information about small-water systems.

ALABAMA PRIVATE WELL PROGRAM
2022 | BY THE NUMBERS



Private Well Program ALABAMA EXTENSION

Sustainable Irrigation Expansion Project

EXTENSION

IRRIGATION WATERSHED PLANNING

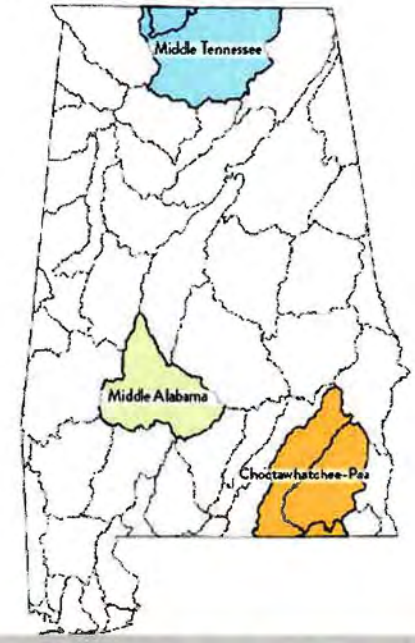
The ACES Water Program partners with the USDA Natural Resources Conservation Service (NRCS), Alabama Soil and Water Conservation Committee, and University of Alabama in Huntsville to prepare watershed plans that inform the sustainable expansion of irrigation in selected watersheds. Two Watershed Plan - Environmental Assessments have been authorized as of January 2023, and a Plan-EA for the Middle AL River Basin is currently in review. Funds have been dispersed for irrigation expansion in the Middle Tennessee River Valley and the Choctawhatchee - Pea Watersheds. A preliminary investigation has begun for the Pickwick Lake Watershed.

2022 | BY THE NUMBERS

$3.1M
PAID TO PRODUCERS

2,700
NEW ACRES UNDER IRRIGATION

30
PRODUCERS WITH FUNDS APPROVED FOR IRRIGATION IMPLEMENTATION

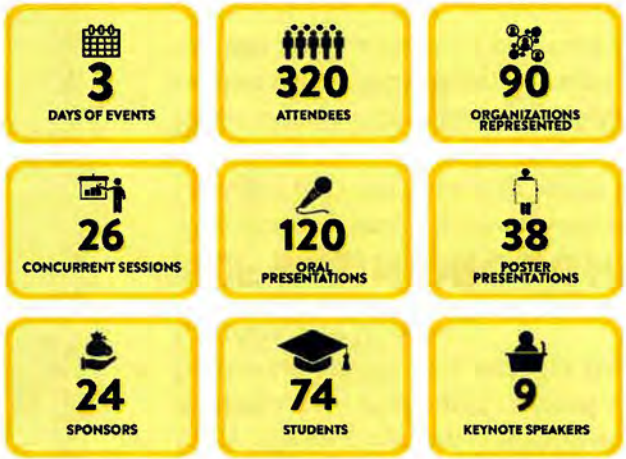


EXTENSION

ALABAMA WATER RESOURCES CONFERENCE

AUWRC staff facilitates the Annual Alabama Water Resources Conference (ALWRC). This conference is a forum for all participants of our water resources community, that provides opportunities for conversation about the many multidisciplinary aspects of water resources as well as a space to make connections that will improve how we understand the complex water issues that are of importance to this state, the region, and the nation. The ALWRC is traditionally held the week following Labor Day at the Perdido Beach Resort in Orange Beach, Alabama. The first day included the American Water Resources Association (AWRA) Alabama Chapter Symposium with a 2022 theme of "Ecological Infrastructure".

ALABAMA WATER RESOURCES CONFERENCE 2022 | BY THE NUMBERS



Alabama WATER RESOURCES Conference Symposium

EXTENSION

APALACHICOLA-CHATTAHOOCHEE-FLINT RIVER BASIN PROJECTS

The AUWRC, in partnership with the National Integrated Drought Information System (NIDIS), strives to better inform and prepare Alabama and the Southeast for the many challenges of periodic droughts. Since the inception of the Apalachicola-Chattahoochee-Flint (ACF) River Basin Drought Early Warning System (DEWS) in 2009, the AUWRC has been a key partner in the watershed in the dissemination of drought-related information. In 2020, the ACF DEWS became part of the expanded Southeast DEWS that includes the states of Alabama, Georgia, Florida, North Carolina, South Carolina, and Virginia.

ACF BASIN DROUGHT & WATER WEBINARS

One of the primary forms of information dissemination in the ACF Basin was the monthly ACF Basin Drought & Water Webinars hosted by the AUWRC for over a decade. Speakers presented information on current climate conditions and outlooks, real-time streamflow forecasts, real-time groundwater ACF Basin reservoir conditions, and Apalachicola Bay salinity levels. Following each webinar, the AUWRC sends a digital ACF Basin Drought Update newsletter to more than 750 subscribers. In May 2022, the webinar series came to a close and was succeeded by the ACF Basin Drought & Water Dashboard.

ACF BASIN DROUGHT & WATER DASHBOARD

Officially released in January 2022, the ACF Basin Drought & Water Dashboard was a collaborative project between the AUWRC, NIDIS, NOAA's National Centers for Environmental Information (NCEI), and the Albany State University Water Planning and Policy Center. Its primary purpose is to further enhance planning and preparedness of drought at regional levels, including in the Southeast. The resources provided via the Dashboard will improve the public's ability to view real-time information with interactive, shareable, and easy-to-understand graphics on current and predicted drought conditions, and assist decision-making at the basin and local level. The Dashboard includes an ArcGIS StoryMap to enhance public education about drought and water-related issues and context for the ACF Basin.

SCAN TO VIEW THE ACF BASIN DASHBOARD

EXTENSION

ALABAMA DROUGHT REACH

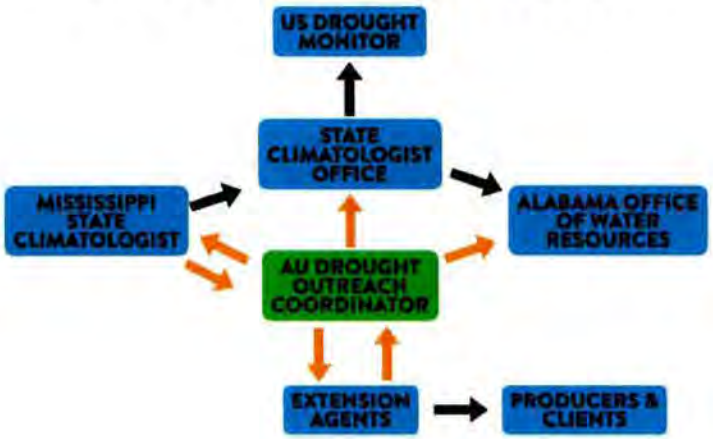
Alabama Drought Reach is a new partnership between the Auburn University Water Resources Center, the Alabama Cooperative Extension System, the Alabama Agricultural Experiment Station, and the Alabama State Climatologist Office at the University of Alabama in Huntsville.

FLASH DROUGHT & AG IMPACTS

The Alabama Drought Reach Program will focus on agricultural drought and its impacts. Agricultural impacts are often the first noticeable drought symptoms. This is especially so during times of rapid onset of drought conditions, otherwise known as "flash drought." The Southeast is particularly susceptible to flash drought due to high temperatures, high evapotranspiration rates (plant water demands), and low soil moisture retention. These climactic conditions coupled with the relately unirrigated ag lands of Alabama, create the potential for devastating economic losses in the sector.

This program will be a two-pronged approach: 1) the development of a statewide drought impacts monitroing system conducted by Alabama Cooperative Extension System (ACES) personnel trained by the AUWRC and 2) the development of drought outreach materials for producers and the greater public regarding drought impacts on agricultural, forestry, and the landowner landscape. In 2023, the AUWRC will hire a Drought Outreach Coordinator to assist and strengthen the flow of information on Alabama agricultural drought impacts between the US Drought Monitor, State Climatologist Office, Alabama Extension Agents, the Alabama Office of Water Resources, and you, the producers and clients of Extension.

FLOW OF INFORMATION



ALABAMA Drought Reach

EXTENSION

GLOBAL WATER WATCH

Global Water Watch (GWW) is a world-wide network of water monitoring groups that fosters watershed stewardship through the development of citizen volunteer monitoring of surface waters for the improvement of both water quality and public health. The GWW program is housed at Auburn University and is coordinated through the AUWRC.

CURRENT GWW AFFILIATES

USA ARGENTINA CHILE COSTA RICA MEXICO PERU

HISTORICAL AFFILIATES

BRAZIL BOLIVIA ECUADOR KENYA PHILIPPINES THAILAND

EXTENSION

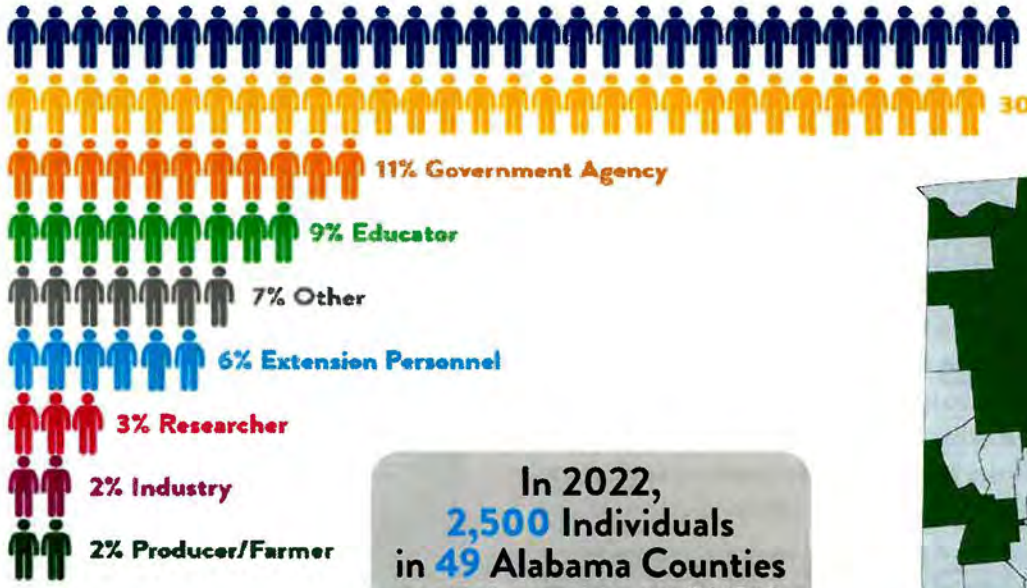
IMPACTS + TESTIMONIALS

The AUWRC's Outreach and Extension Programs, namely, Alabama Watershed Stewards (AWS), Alabama Water Watch (AWW), and Alabama Private Well Program (APWP) continue to grow together as they search for creative ways to meet the water needs of Alabama's citizens.

In 2022, **75%** of our Outreach and Extenson Program were brand new to AUWRC Programming!

Following their completion of a WRC Training, 59% of the participants stated that they intended to educate others about water quality in the future. 15% reported that they were already doing so.

WHO ATTENDS AUWRC OUTREACH AND EXTENSION WORSHOPS?



In 2022, 2,500 Individuals in 49 Alabama Counties participated in AUWRC Outreach and Extension Workshops!

"I learned how important it is for me, as an individual, to take action daily on keeping our water clean. I learned that I can make a difference in my household alone. I have a better understanding on how the quality of our water can be affected so now I know where I can begin helping."

-Workshop Participant

RESEARCH

USGS ALABAMA WATER RESOURCES RESEARCH INSTITUTE (AWRRI)

The AWRRI (housed within the AUWRC) is one of 54 WRRI's nationwide authorized by the Federal Water Resources Research Act, administered by the U.S. Geological Survey. The state-based WRRI's are located at land grant universities and promote research and information dissemination on the state's and nation's water resources problems. The AWRRI administers an annual grants program to faculty statewide funding up to $25,000. In 2022, the AWRRI was proud to offer grants to Auburn University doctoral students as well, funding up to $7,500 per student.

RESEARCH

AUBURN UNIVERSITY WATER NETWORK

The Auburn University Water Network is a group of faculty who are affiliated with the AUWRC. The AUWRC strives to facilitate successful collaboration among faculty, staff and students on multi-disciplinary water-related research. University faculty are engaged in a wide variety of projects to address local, regional, national, and global water issues.

MONTHLY AUWRC FUNDING OPPORTUNITIES

AU Water Network members recieved a monthly, digital Funding Opportunities newsletter curated by AUWRC staff for water resources and adjacent academic fields.

AU WATER ALERTS

AU Water Network members are also included on an email listing for special, periodic email annoucements from the AUWRC regarding relevant on and off-campus seminars, webinars, RFP's, conferences, graduate student and professional development opportunities. Members of the AU Water Network can also request information to be shared to this list by contacting the AUWRC Communications Coordinator.

AUWRC NEWSLETTER

The AUWRC releases a quarterly, digital newsletter to the AU Water Network and external stakeholders and partners. In 2022, 4 newsletters were published that included 3 student features, 1 spotlight video, 3 faculty/staff blog features, and several specialty blog features.

AUWRC VIDEO SPOTLIGHTS

In 2021, the AUWRC established a Video Spotlight series to highlight water-related research conducted by faculty, staff, and students across Auburn's campus. One video was released in 2022 featuring Dr. Jessica Davis and the Auburn University Soil Testing Lab.

SCAN TO VIEW SPOTLIGHT VIDEOS

RESEARCH

AUWRC WATER WEBINARS

Outreach and research collide with the AUWRC Water Webinar Series which feature recent and ongoing research, outreach, and Extension topics from AU faculty and staff that are experts in water resource fields. In 2022, webinars featured presenters from the College of Agriculture, College of Science and Mathematics, College of Forestry, Wildlife, and Environment, and external presenters from the Geological Survey of Alabama and Tall Timbers.

RESEARCH

AUWRC WATER WEBINARS

The webinars are open to the public and have covered topics from pathogenic pollution in Alabama surface waters, microplastics on the Coast, bass ecology, precision agriculture, wetland ecology, restoration of carnivorous plants, and more. These webinars have fostered countless interdisciplinary connections within Auburn University and beyond. In 2022, AUWRC facilitated 8 Water Webinars with 14 invited speakers.

INSTRUCTION

AUWRC FIELD EXPERIENCES

Since 2018, the AUWRC has offered field-based experiences for Auburn University classes. The AUWRC recognizes the importance of experiential learning and is seeking to supplement traditional classroom education through outdoor experiences related to student coursework.

Faculty from several different departments have taken advantage of the program, including:

- Landform Hydrology and Landscape Architecture with the College of Design and Construction;
- Natural Resources Conservation Engineering with the Department of Biosystems Engineering;
- Introduction to Environmental Engineering with the Department of Civil and Environmental Engineering;
- Natural Resources Field Methods with the College of Forestry and Wildlife;
- Live Green Stay Green with the First Year Experience Office.

The AUWRC led a total of 8 Field Experiences in 2022.

INSTRUCTION

GRADUATE WATER RESOURCES CLUB

The Graduate Water Resources Club (GWRC) was established in January 2021 with 20 founding members. One of the founding ideas behind the GWRC was the benefit all students could gain from an interdisciplinary club. Throughout 2022, GWRC grew in members and was granted permanent status as an Auburn University organization.

The group members' demographics are quite diverse across academic disciplines (i.e. geography, geology, engineering, crop and soil sciences, fisheries, wildlife, forestry, etc.) with students from all over the US and international students from South America and Asia. The only exclusive aspect of GWRC is tailoring meetings to graduate students that are particularly interested in or researching water. In 2022, the GWRC facilitated monthly meetings, water trivia events, stream cleanup opportunities, native plant live stakings, invasive plant pulls, and a springtime paddling trip on the Alabama River.

2022 | BY THE NUMBERS

3
WORKDAYS AT PARKERSON MILL CREEK

3
WATER TRIVIA NIGHTS

1
FLOAT TRIP ON THE ALABAMA RIVER

MOVING FORWARD

A MESSAGE FROM THE DIRECTOR

"It's good to see you." That sentence was echoed many times in 2022. The Auburn University Water Resources Center team visited throughout Alabama forming new partnerships and connecting with valued colleagues to identify research priorities, conduct impactful Extension programs, and support opportunities for future scientists. We had record numbers at the annual Alabama Water Resources Conference, boosted participation in our community science programs, and facilitated interdisciplinary research connecting with faculty across the state and region. There is more to do. In 2023, we are actively reaching out to organizations and institutions that are less present in our research and Extension to invite participation. Our intent is to continually ask how we can help with Alabama's water needs, build teams that conduct innovative science, and share findings with diverse audiences. We look forward to seeing you in 2023.

Eve Brantley

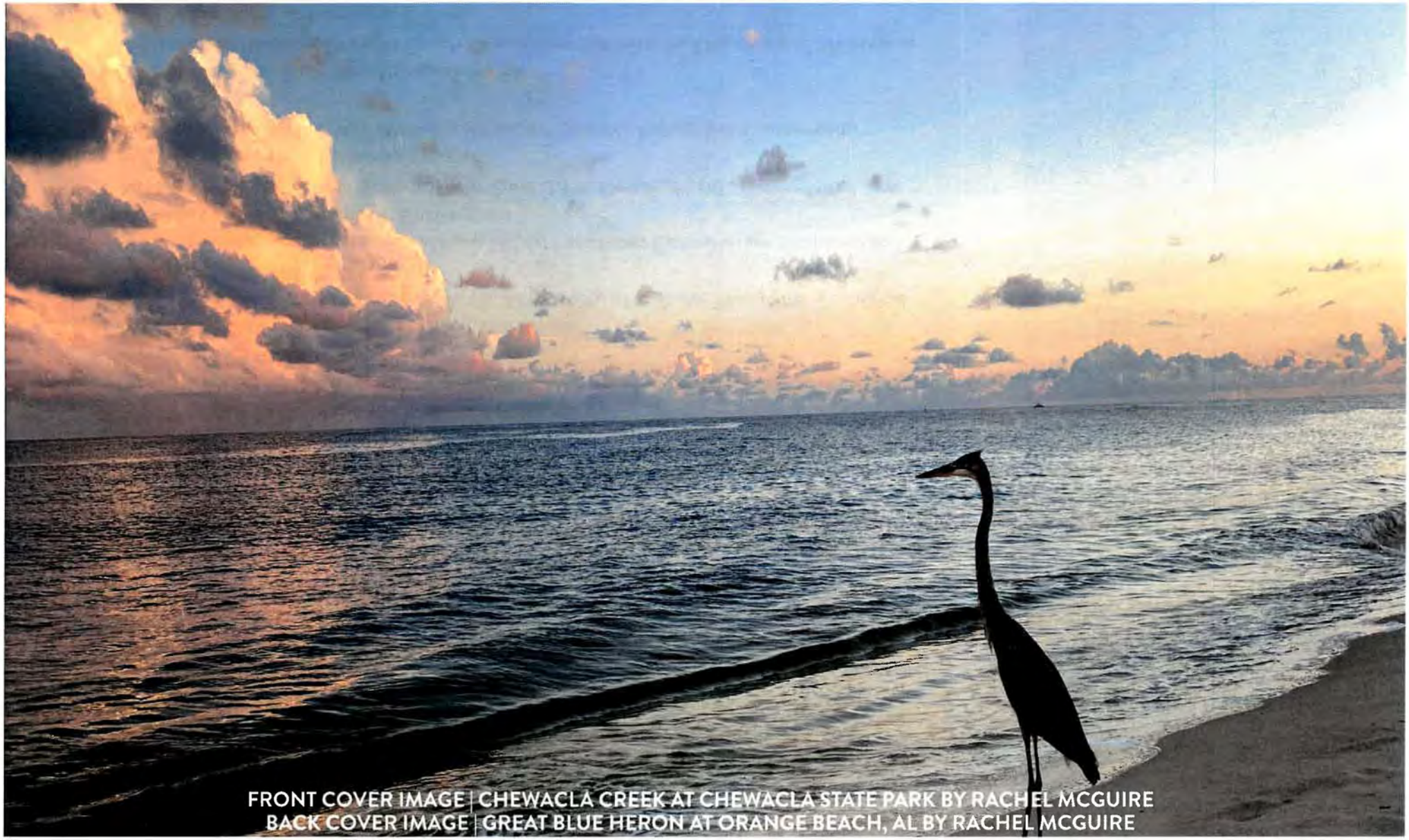
2023 PREVIEW

HERE'S SOME OF THE CORE AND AFFILIATED PROJECTS AND INITIATIVES IN STORE FOR AUWRC IN 2023:

- Alabama Water Watch (AWW) Family Stream Biomonitoring Workshop
- Phase II of the NOAA BWET Program for 4-H AWW, "Exploring Pathogen Pollution in Our Waters" - statewide expansion
- AWW - R-CARD® Method Transition for Bacteriological Testing
- Alabama Private Well Program's (APWP) Well Water Webinar Series
- Coastal Well Water Research and Stewardship with AU's Dr. Ann Ojeda
- APWP - UGA Collaboration for Well Water Access
- Alabama Watershed Stewards (AWS) Nature-Based Stormwater Solutions Collaborative Workshop with Mobile Bay NEP
- AWS Watershed Management Planning Workshops
- NFWF Five Star Grant Project with AWS, AWW, City of Auburn, Westervelt Ecological Services, and AU-BEES
- AWS – Alabama Stormwater Association (ASA) Facilitated Conversation: Stormwater Obstacles and Opportunities in Birmingham
- Auburn University Mission Enhancement Fund (EPA-Certified Lab)
- AU-NRT Water and Climate Symposium
- Expanded Collaboration with Alabama Rivers and Streams Network in Connectivity (ARSNiC)
- ASA Auburn University Research Colloquium
- The launch of Alabama Drought Reach - a collaboration with the University of Alabama in Huntsville's State Climatologist Office)

AUBURN
UNIVERSITY
Water Resources Center

2022 ANNUAL REPORT

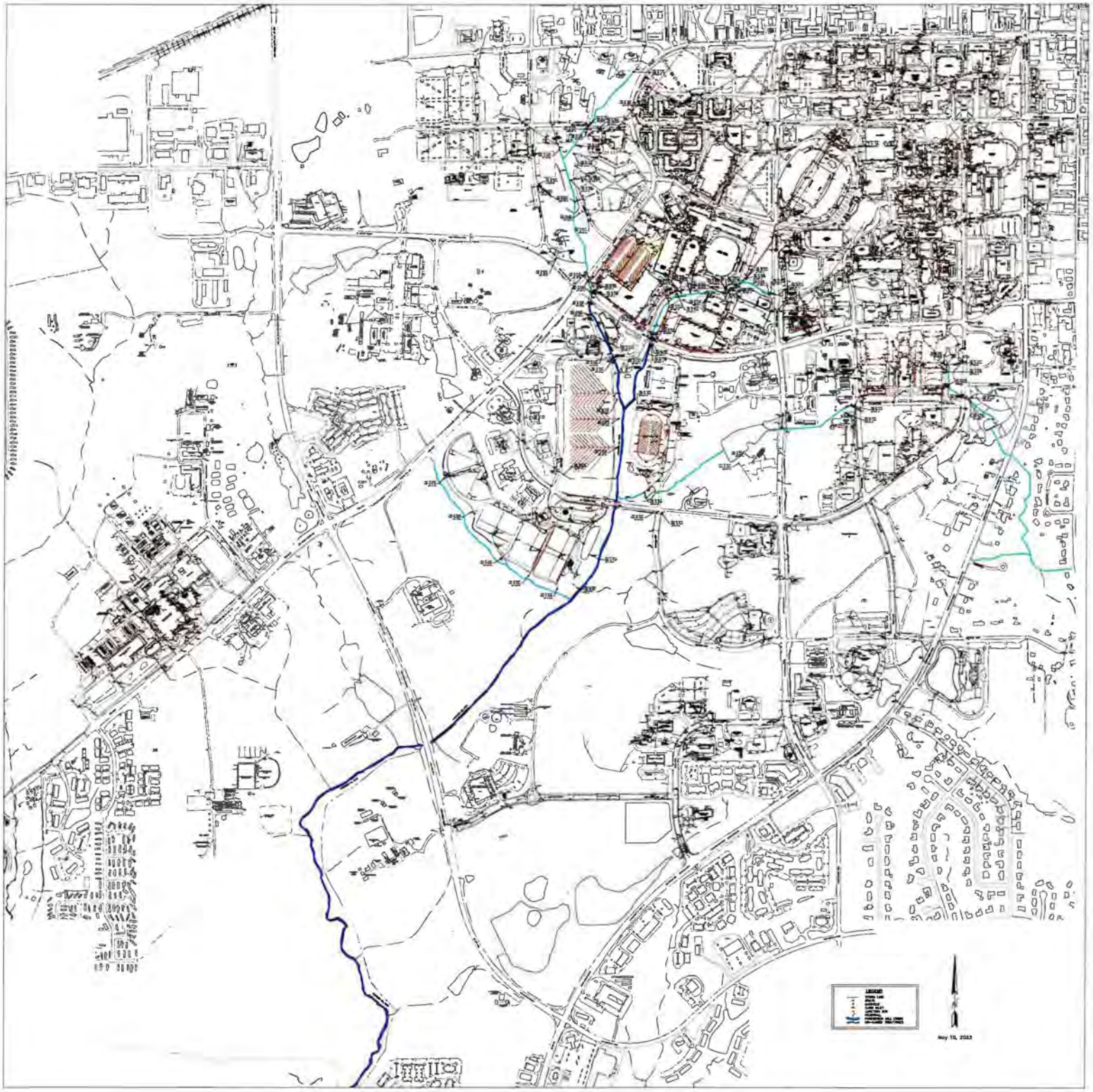


FRONT COVER IMAGE | CHEWACLA CREEK AT CHEWACLA STATE PARK BY RACHEL MCGUIRE
BACK COVER IMAGE | GREAT BLUE HERON AT ORANGE BEACH, AL BY RACHEL MCGUIRE

Appendix D

Current Campus Map

April 1, 2022, through March 31, 2023



Appendix E

Illicit Discharge Detection & Elimination Details

April 1, 2022, through March 31, 2023

2022-2023 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
4.25.22	Facilities Mgmt	stained parking area	coil cleaner	Y	washed parking area with pressure hose and collected all washwater for disposal to sanitary sewer.	4.26.22
4.28.22	Biggio Dr.	trackout from Football Performance Facility	sediment	N	Required Contractor to remove by end of day.	4.28.22
4.29.22	Duncan Dr.	nutrient rich discharge sewage		Y	SSO on Duncan cleared. Project initiated to make long term repair to line in the area.	4.29.22
5.2.22	Biggio Dr.	trackout from Football Performance Facility	sediment	N	Required Contractor to remove by end of day.	5.2.22
8.19.22	Garden of Memory	sedimentation from the Hill Dorm Demo Project	sediment	N	requiredContractro to repair controls and stabilize area. Disturbed	8.19.22
10.3.22	Campus Green	stained soil below powered light system	diesel	Y	Rental equipment used to illuminate area during gameday leaked diesel fuel. Sols tested and removed and properly managed by United Rental	

2022-2023 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
10.6.22	Woodfield Dr	SSO at newly acquired property	sewage	N	SSO cleared, public notice signs placed in the area. Emergency repair to line initiated week of 10.13.22	10.6.22
10.12.22	PMC @ Coliseum	creek has a blueish hue	unknown	Y	undetermined, samples collected for bacteriological did not indicate presence of e-coli	10.12.22
11.30.22	PMC @ Wire/Samford	white discharge to creek originating from Football Performance Facility	water based concrete sealant	N	A container of concrete sealant released product to parking area upgradient of storm drain. Release was stopped and Contractor was informed to remove residual.	11.30.22
11.30.22	Equine Dr	water line break discovered ad caused muddy water to enter watershed	sediment	N	water line was repaired and discharge stopped	11.30.22

2022-2023 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
12.15.22	Arboretum	sedimentation	sediment	N	evaluated upstream construction projects to include Hill Dorm Demo and off campus road work along College. Appeared that sedimenttion was due to a combination of on-site and off-site impacts. Notified on-site project managers	12.15.22
1.3.23	Arboretum	white foam in the Arboretum watershed	hot water leak at Poultry likely resulting in a change in water chemistry due to additives in the water	N	Repairs to hot water line initiated	1.3.23
1.5.23	Hill Dorm Demolition site (AU Project No. 20-351)	sedimentation	sediment	N	Notified Facilities Project Managemetn and site personnel (ALR10C2C8) of issues and need for review and repair of site control measures.	1.5.23

2022-2023 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
1.15.23	Hill Dorm Demolition site (AU Project No. 20-351)	sedimentation	sediment	N	Site personnel responsible for (ALR10C2C8) were notified of continued issues and need for review and repair of site ocntrol measures. AU submitted a complaint to aDEM (4D-002EE5V47) for failure to address deficient site controls.	1.18.23
1.23.23	Hill Dorm Demolition site (AU Project No. 20-351)	sedimentation	sediment	N	Facilities Project Management issued Contractor "Notice to Cure"to southeastern Demolition & Environmental Servcies requiring measures to be taken within five business days.	1.23.23
2.1.23	Biggio Dr at Football Performance entrance	Contractor was pressure washing crosswalk to repaint. Activity loosened paint flakes to the stormsewer and to PMC	water based paint	N	Contractor was instructed to protect stormsewer to prevent continued release	2.1.23

2022-2023 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
2.8.23	PMC at Lem Morrison	tree debris obstructing flow	tree debris	N	Landscape Services removed tree and found metal fencing that was removed as well.	2.8.23
2.23.23	haley concourse	oil leak from food truck	oil	N	Facilites Service Support maintains the con course and applies absorbent regularly to these areas to draw up oil stain.	2.24.23
3.7.23	Poultry Science Building	hot water leak	hot water	N	While repairing a hot water line at the Poultry Science Building, Facilities Management reported that an estimated 50 gallons of hot water entered the stormsewer. RMS notified Arboretum personnel as the pond at the Arboretum would receive this flow. No aquatic issues were reported.	3.7.23

3.16.23	N.R.O.T.C. Course	Storm sewer overflow with multiple material types invloved including what appeared to be grease and sewage.	Misc. Discharge	N	RMS personnel located grey water discharge overflowing from what appeared to be an occluded storm/sewer line. Dishcharge confined to surface soil in a forrested area. Facilities notified of overflow and remediation process began. Line pumped via vaccum truck and repairs to line were began. Estimated 250 gallons of material released.	3.16.23
3.27.23	Wilmore Drive	Storm Sewer overflow due to a blockage in the storm line.	Sewage discharge	N	Notified Facilities Management to relieve blockage and cease overflow.	3.27.23

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Section 1: Background Data

Subwatershed: PMC	Outfall ID: N4-9
Today's date: 10/22/22	Time (Military): 1405
Rainfall (in.): Last 24 hours: N.V Last 48 hours:	Form completed by: McCauley
General Location: RUGBY / TENNIS CT.	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Eliptical ☒ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 72 x 96	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial (YEAR ROUND)				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☒	See severity	☒ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: N04-11
Today's date: 2·16·23	Time (Military): 4:00 PM
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location: 1st outfall from utility barn on Extension Loop (next to P2)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: ~24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1.	Sample for the lab?	☐ Yes	☒ No	
2.	If yes, collected from:	☐ Flow	☐ Pool	
3.	Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: N5-8
Today's date: 10·12·22	Time (Military): 1335
Rainfall (in.): Last 24 hours: ~2 Last 48 hours:	Form completed by: McCumley
General Location: Hemlock (large)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 48"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☒	☒ Brown ☐ Orange ☐ Green ☐ Other:	IRON BACTERIA

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: NS-9
Today's date: 10/12/22	Time (Military): 1435
Rainfall (in.): Last 24 hours: 0.2 Last 48 hours:	Form completed by: McGarley
General Location: 3RD IN line from utility BARN ON Extension Loop (RipRap)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: ~ 18	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: N510
Today's date: 10.12.22	Time (Military): 1425
Rainfall (in.): Last 24 hours: 4/.2 Last 48 hours:	Form completed by: McCawley
General Location: Extension loop 2ND from Utility Barn (Across from MW3)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 18	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: N513
Today's date: 10/12/22	Time (Military): 1340
Rainfall (in.): Last 24 hours: 2 Last 48 hours:	Form completed by: McCauley
General Location: Hemlock (small) by Monitoring Well	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 18"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☒ Orange ☐ Red ☐ Other:	☒ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: NO6-02
Today's date: 2.16.23	Time (Military): 4.09 pm
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: MC Gourley
General Location: By last outfall on Extension loop (Yellow Box)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: ~18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

STRUCTURE NEEDS REPAIR, the stone MESH that STABILIZES the slope ~~has~~ SEEMS to HAVE lost CONNECTION to the head wall / slope. A WORK ORDER WAS SUBMITTED 2.16.23.

23-663235

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: P430
Today's date: 10-12	Time (Military): 0905
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McCAWLEY
Sediment & Overgrowth Restricting flow	
General Location: FARM House	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 58" x 38"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*			YEAR ROUND	
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: P431
Today's date: 10/12	Time (Military): 0910
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McCamley
SOUTH of SLUICE GATE	
General Location:	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial	AT MOST, MORE likely BACK WATER from FLOW (P432) & due to VEG/SED			

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: P432
Today's date: 10-12-22	Time (Military): 0915
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McCamley
General Location:	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 48"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: P437
Today's date: 10·12·22	Time (Military): 0908
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McConkey
General Location: Tributary	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 60"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☒	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: P716
Today's date: 10/12/22	Time (Military): 0940
Rainfall (in.): Last 24 hours: 1" Last 48 hours:	Form completed by: McGarvey
General Location: NE CORNER WIRE & SANFORD (FOOTBALL PERFORMANCE)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: P07-17
Today's date:	Time (Military):
Rainfall (in.): Last 24 hours: Last 48 hours:	Form completed by:
General Location: AT FOOTBALL PERFORMANCE UNDER SAM FORD (JUST UNDER ROAD AND ADJACENT TO P07-16)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☐ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: P-18
Today's date: 10/12/22	Time (Military): 0950
Rainfall (in.): Last 24 hours: .1 Last 48 hours:	Form completed by: McKinley
General Location: Football Performance Wire / Stamford	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 4"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☒	See severity	☐ 1 – Slight cloudiness	☒ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: P808
Today's date: 10/12/22	Time (Military): 1000
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McGinley
General Location: South of McWhorter Ctr	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 15"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: P8/2
Today's date: 10/12/22	Time (Military): 1015
Rainfall (in.): Last 24 hours: ~2 Last 48 hours:	Form completed by: Mc Stanley
General Location: EAST OF SOFTBALL FIELD (SLOPE W/ RIVER VIEW)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall Reconnaissance Inventory Field Sheet

Section 1: Background Data

Subwatershed: PMC	Outfall ID: P09-02
Today's date: 2.16.23	Time (Military): 430
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location: JUST to the RIGHT OF SOFTBALL INDOOR FACILITY ON Biggio	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: ~24"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

EVIDENCE OF REDDISH Sol & BROKEN BLOCK deposited on & IN OUTFALL headwall area. NOTIFIED ERIC KLEYPAS OF ATHLETICS to INVESTIGATE

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☒ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: Q334
Today's date: 10/1/21	Time (Military): 1039
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McLaughlin
General Location: Sigma Nu	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 30"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*			Flow Year Round	
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☐ Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall Reconnaissance Inventory Field Sheet

ction 1: Background Data

ubwatershed: PMC	Outfall ID: Q07-19
Today's date: 2·6·23	Time (Military): 3:32
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCawley
General Location: LAST OUTFALL ALONG BEFORE INTERSECTION BRIDGE ON Biggio/Sanford	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: N/8"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

N flow likely A RESULT of FB WASHING STREET / CROSSWALK

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: Q807
Today's date: 10/12/22	Time (Military): 1115
Rainfall (in.): Last 24 hours: .2 Last 48 hours: 0	Form completed by: McGinley
General Location: Sampson & Biggs (Rowo)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: R07-13
Today's date: 2.6.23	Time (Military): 1000
Rainfall (in.): Last 24 hours: .2 Last 48 hours: 0	Form completed by: McHarley
General Location: Rock Wall along Biggio	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	

☐ In-Stream	**(applicable when collecting samples)**
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: ~~R7-15~~ 8 R07.23
Today's date: 2.6.23	Time (Military): 1005
Rainfall (in.): Last 24 hours: .2 Last 48 hours: 0	Form completed by: McCauley
General Location: open ✓ along Rock wall	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☒ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

water from street washing

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: R7-15
Today's date: 2·6·23	Time (Military): 1030
Rainfall (in.): Last 24 hours: .2 Last 48 hours:	Form completed by: McCauley
General Location: Large outfall structure along Biggio	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 72"	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial			4 YEAR RUNNO FLOW	

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: R07-16
Today's date: 2-1-23	Time (Military): 1100
Rainfall (in.): Last 24 hours: 0 Last 48 hours:	Form completed by: McCauley
General Location: ON WATSON Field House S. of PMC CORNER of Building	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Outfall Reconnaissance Inventory Field Sheet

ction 1: Background Data

ubwatershed: PMC	Outfall ID: S07-12
Today's date: 2.1.23	Time (Military): 215
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCarley
General Location: Colleyville Smaller Circular Pipe on left	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 48"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial			Year Round Flow	

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

'ubwatershed: PMC	Outfall ID: S07-13
Today's date: 7.1.23	Time (Military): 220
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCarley
General Location: Large box (Colisevm)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Eliptical ☒ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 96 x 72	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial			Year Round Flow	

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☒ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☐ Unlikely ← ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Historically

Section 6: Data Collection

1.	Sample for the lab?	☐ Yes	☒ No	
2.	If yes, collected from:	☐ Flow	☐ Pool	
3.	Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

ubwatershed: PMC	Outfall ID: S07-16
Today's date: 2-1-23	Time (Military): 235
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCarley
General Location: Biggio North of Tait Horse (small circular pipe) (Dry)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 18	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: SO7-17
Today's date: 2-1-23	Time (Military): 245
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location: Big 10 North of field house (large opening circular pipe in box)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 24	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: S07.18
Today's date: 2.1.23	Time (Military): 250
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McGinley
General Location: Biggio North of Field House (Field House side / Box)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 37 x 25	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: 507-19
Today's date: 2.1.23	Time (Military): 300
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location: Biggio North of the Ed House	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 24"	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: 507-20
Today's date: 2.123	Time (Military): 305
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location: Biggio Dr Across from Coliseum Rr loading dock	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: T07.14
Today's date: 2.1.23	Time (Military): 319
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCauley
General Location:	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 72x96	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

N historical

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: T07.17
Today's date: 2.1.23	Time (Military): 330
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCamley
General Location: Wellness Kitchen	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: U10-10
Today's date: 3.7.23	Time (Military): 1500
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCawley
General Location: FORESTRY AND HORT	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: ~~138" x 96"~~ 54"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

Source of flow from construction project at Hill Dorm. clean

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: W09.04
Today's date: 3/9/23	Time (Military): 1510
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCloskey
General Location: 1ST outfall AT MEMORY GARDEN (OLD DUMP)	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: W09-06
Today's date: 3/9/23	Time (Military): 1505
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCawley
General Location: M RESIDENCE Hall parking lot outfall 1ST BEYOND BRIDGE	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Eliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

ction 1: Background Data

watershed: PMC	Outfall ID: W09-11
Today's date: 3/9/23	Time (Military): 1500
Rainfall (in.): Last 24 hours: Last 48 hours: 0	Form completed by: McCawley
General Location: N RESIDENCE Hall parking lot outfall 2nd beyond bridge	

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: ____ / ☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: <12"?	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____	Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Outfall Reconnaissance Inventory Field Sheet

Section 3: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 4: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 5: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 6: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Appendix F

Construction Site Inventory & Details

April 1, 2022, through March 31, 2023

Appendix F
Construction Site Details for permit year:
April 1, 2022 to March 31, 2023

Project #	Project Name	Permit #	# of Disturbed Acres	Design Lead	Const. Lead	Architect	Civil Engineer	General Contractor	Civil Contractor	# of Inspections Performed by Consultant	# of Inspections Performed by Auburn University	# of Non-compliant notices	# of Site Runoff Complaints	Status at ADEM Permit (Open/Closed)	Sub Comp (Base, Actual, Change Y/N)	Notes
15-034	Academic Classroom & Laboratory Complex (ACLC) - New Facility	ALR10BEQV	6.5	Bradley Prater	Nicholas Nowlin	Perkins Will	LBYD	Rabren General Contractors	D&J Enterprises	12	3	0	0	Closed		
16-370	Rane Culinary Science Center - New Building	ALR10BH52	3.0	Mary Melissa Taddeo	Andrew Spurlin	Cooper Carry	LBYD	Bailey Harris	Joe Mims Construction	7	5	0	0	Closed		
18-444	Chilled Water System Expansion - New CW Plant At South Campus	ALR10C02N	7.0	George Reese	George Reese	LBYD	LBYD	Bailey Harris	JLD	11	10	0	0	Closed		
19-441	Football Performance Facility	ALR10BHQY	12.6	David Bess	David Johnson	GMC	LBYD	Rabren General Contractors	Adams Group	14	11	0	0	Closed		
20-105	Duncan Drive Extension & Infrastructure	ALR10C1TF	3.0	Benjamin Burmester	Wade Kennedy	LBYD	LBYD	D&J Enterprises	D&J Enterprises	8	7	0	0	Closed		
20-351	Hill Residence Halls - Demolitions	ALR10C2C8	10.59	Cortina Mccall	Kelly O'neal-Young	LBYD	LBYD	Southeastern Demolition	Quality Dirtworks	14	31	1	1	Open	4/21/2023	
22-435	ADAI (AL Dept of Ag & Industries) - New Lab Building	ALR10C2YC	2.83	N/A	Josh Conradson	BDW	LARRY E. SPEAKS & ASSOCIATES, INC.	Whatley Construction	Harmon	9	17	0	0	Open	2/24/2024	Project is not contracted by AU, but is on leased property.

Off Campus Locations

Project #	Project Name			Design Lead	Const. Lead	Architect	Civil Engineer	General Contractor	Civil Contractor	# of Inspections	# of Inspections Performed by Auburn University	# of Non-compliant notices	# of Site Runoff Complaints	Status of ADEM Permit (Open/Closed)	Sub Comp	Notes

Appendix G

Post Construction BMP Inventory & Inspection

April 1, 2022, through March 31, 2023

Current Post-Construction Stormwater Controls – New BMPs are shown in **bold**

ID	Type	Description	Northing	Easting	Inspections
BB-01	Bioretention Basin	West Campus Basin 1	758225.419	765956.388	20
BB-02	Bioretention Basin	West Campus Basin 2	758376.003	765958.313	20
BB-03	Bioretention Basin	West Campus Basin 3	758517.978	765955.846	20
BB-04	Bioretention Basin	West Campus Basin 4	758228.842	765747.198	20
BB-05	Bioretention Basin	West Campus Basin 5	758381.564	765755.314	20
BB-06	Bioretention Basin	West Campus Basin 6	758529.441	765736.857	20
BB-07	Bioretention Basin	West Campus Basin 7	758238.465	765327.734	20
BB-08	Bioretention Basin	West Campus Basin 8	758535.185	765377.05	20
BB-09	Bioretention Basin	West Campus Basin 9	758722.087	765190.263	20
BB-10	Bioretention Basin	Pharmacy Research Basin 1	761430.634	761020.487	20
BB-11	Bioretention Basin	Pharmacy Research Basin 2	761569.458	761003.542	20
BB-12	Bioretention Basin	Nursing Basin 1	761516.602	761229.13	20
BB-13	Bioretention Basin	Nursing Basin 2	761729.258	761170.238	20
BB-14	Bioretention Basin	Nursing Basin 3	761727.261	761080.608	20
BB-15	Bioretention Basin	ASEL Basin 1	756581.31	764471.00	20
BB-16	Bioretention Basin	ASEL Basin 2	753348.15	764569.33	20
BB-17	Bioretention Basin	ASEL Basin 3	756580.54	764695.46	20
BB-18	Bioretention Basin	ASEL Basin 4	757134.44	764537.44	20
BRC-01	Bioretention Cell	Foy Hall Bioretention Cell	763407.054	765682.977	20
BRC-02	Bioretention Cell	Campus Safety Bioretention Cell	761066.411	766090.049	20
BRC-03	Bioretention Cell	CASIC Biorentention Cell	761055.331	758997.308	20
BRC-04	Bioretention Cell	Corley Bioretention Cell 1	763663.773	764042.59	20
BRC-05	Bioretention Cell	Corley Bioretention Cell 2	763622.125	763959.864	20
BRC-06	Bioretention Cell	Mell Bioretenion Cell 1	763790.009	765433.314	20
BRC-07	Bioretention Cell	Mell Bioretention Cell 2	763789.971	765283.68	20
BRC-08	Bioretention Cell	Mell Bioretention Cell 3	763790.137	765086.417	20
BRC-09	Bioretention Cell	Horton Hardgrave Bioretention Cell	761835.117	765912.691	20
BRC-10	Bioretention Cell	West Campus Bioretention Cell 1	758024.941	765700.549	10
BRC-11	Bioretention Cell	West Campus Bioretention Cell 2	758036.911	765234.281	10
BRC-12	Bioretention Cell	SportsPlex Bioretention Cell	759862.77	761349.2	
BRM-01	Berm	Arboretum Berm 1	763882.906	762201.25	

ID	Type	Description	Northing	Easting	Inspections
BRM-02	Berm	Arboretum Berm 2	764243.147	762607.741	
BRM-03	Berm	Arboretum Berm 3	764042.345	762607.442	
BRM-04	Outlet Berm	Woodfield Drive Berm 1	761589.811	759935.15	12
BRM-05	Outlet Berm	Woodfield Drive Berm 2	761156.332	759871.907	12
BRM-06	Outlet Berm	Woodfield Drive Berm 3	760609.706	760131.388	12
CI-01	Cistern	Dudley Hall Cistern	763242.478	763743.599	26
CI-02	Cistern	Arboretum Cistern 1	763825.449	762159.585	26
CI-03	Cistern	Arboretum Cistern 2	764116.722	762653.166	26
CI-04	**Cistern**	**ACLC Cistern 1**	**762843.743**	**764167.2**	0
CI-05	**Cistern**	**Football Performance Cistern 1**	**760356.366**	**763460.366**	0
DDET-01	Dry Detention Basin	VCOM Pond	760575.328	760287.361	26
DDET-02	Dry Detention Basin	West Campus Pond	759043.656	764976.252	20
DDET-03	Dry Detention Basin	Medical Clinic Pond	762266.136	761383.546	20
DDET-04	Dry Detention Basin	Facilities Pond	758241.439	763286.672	50
DDET-05	Dry Detention Basin	District Energy Pond	759762.452	765460.951	20
DDET-06	Dry Detention Basin	Theta Chi Pond	758965.981	762250.575	
DDET-07	Dry Detention Basin	Delta Tau Delta Pond	759107.307	762263.753	
DDET-08	Dry Detention Basin	Health Sciences Sector Pond	761256.191	760834.644	10
DDET-09	Dry Detention Basin	Risk Management Pond	758014.508	762998.407	20
DDET-10	Dry Detention Basin	SportsPlex Pond	759600.49	760600.15	
DDET-11	Dry Detention Basin	ARTF Building 5 Pond	761046.13	759557.86	20
DDET-12	Dry Detention Basin	ARTF Building 6 Pond	758363.7	758244.42	20
DDET-13	Dry Detention Basin	Tennis Courts Pond	759588.344	765408.291	20
DDET-14	**Dry Detention Basin**	**Chilled Water Plant**	**760640.976**	**761560.459**	20
DDET-15	**Dry Detention Basin**	**Transformation Garden**	**763215.938**	**760945.045**	0
GS-01	Grassed Swale	Ag Heritage Park Swale	761629.387	762567.204	20
GS-02	Grassed Swale	Medical Clinic Swale	762390.435	761711.035	24
GS-03	Grassed Swale	VCOM Swale 1	760757.545	760229.729	26
GS-04	Grassed Swale	VCOM Swale 2	760827.756	760138.269	26

ID	Type	Description	Northing	Easting	Inspections
GS-05	Grassed Swale	VCOM Swale 3	761002.268	760082.434	26
GS-06	Grassed Swale	ARTF MRI Swale 1	760412.176	758902.844	20
GS-07	Grassed Swale	Lem Morrison Swale	762148.543	761268.924	20
GS-08	Grassed Swale	Arboretum Swale	764187.037	762438.012	
GS-09	Grassed Swale	CASIC Swale	760781.495	758817.433	20
GS-10	Grassed Swale	Research Park Swale	760420.934	758571.334	20
GR-01	Green Roof	Rec and Wellness Green Roof 1	761331.297	764472.702	
GR-02	Green Roof	Rec and Wellness Green Roof 2	760861.839	764507.581	
GR-03	Green Roof	Nursing Green Roof	761066.4107	766090.049	15
GR-04	Green Roof	Brown Kopel Green Roof	763237.807	766187.963	26
GR-05	**Green Roof**	**Rane Culinary Science Center**	**764579.078**	**765517.924**	0
PA-01	Porous Asphalt	VCOM Pond Path Paving	760551.855	760217.067	20
PP-01	Permeable Pavers	Samford Park Pavers	764362.438	766341.376	50
PP-02	Permeable Pavers	Foy Hall Pavers	763596.195	765666.497	20
PP-03	Permeable Pavers	CASIC Pavers	760878.493	758911.607	20
PP-04	Permeable Pavers	Garden of Memory Pavers	763724.679	763100.491	20
PP-05	Permeable Pavers	Upper Quad Pavers	763490.318	765221.041	26
PP-06	Permeable Pavers	Mell Concourse Pavers	763790.097	765180.741	26
PP-07	Permeable Pavers	Harbert Recruiting Pavers	761812.016	764587.966	26
PP-08	Permeable Pavers	South College Street Parking Deck	764485.587	764822.946	26
PP-09	**Permeable Pavers**	**Rane Culinary Science Center**	**764484.152**	**765530.983**	**0**
PC-01	Pervious Concrete	Arboretum Sidewalk 1	764345.564	762557.87	26
PC-02	Pervious Concrete	Arboretum Sidewalk 2	760293.139	765729.32	26
PC-03	Pervious Concrete	Arboretum Sidewalk 3	764101.068	762450.098	26
PC-04	Pervious Concrete	Arboretum Sidewalk 4	764139.101	762311.241	26
PC-05	Pervious Concrete	Arboretum Sidewalk 5	763884.964	762418.462	26
PC-06	Pervious Concrete	Arboretum Sidewalk 6	764157.322	762296.021	26
RB-01	Rain Barrel	Arboretum Rain Barrel	763863.384	762143.701	26
RB-02	Rain Barrel	Dudley Rain Barrel	763242.478	763743.6	12
RG-01	Rain Garden	Gorrie Rain Garden 1	763564.53	763583.842	20
RG-02	Rain Garden	Gorrie Rain Garden 2	763512.559	763748.121	20
RG-03	Rain Garden	Plant Sciences Rain Garden 1	762252.404	759917.278	20
RG-04	Rain Garden	Plant Sciences Rain Garden 2	762211.743	759918.238	18

ID	Type	Description	Northing	Easting	Inspections
RG-05	Rain Garden	Dudley Rain Garden	763242.478	763743.599	12
RG-06	Rain Garden	Turfgrass Rain Garden	758786.644	756180.294	
RG-07	Rain Garden	Arboretum Rain Garden	764321.374	762515.223	26
RG-08	Rain Garden	Arboretum Rain Garden	764142.166	762315.617	26
RG-09	Rain Garden	Arboretum Rain Garden	763760.969	762192.845	26
RG-10	Rain Garden	Arboretum Rain Garden	763969.332	762611.932	26
RG-11	Rain Garden	Arboretum Rain Garden	763780.984	762194.366	26
RG-12	Rain Garden	Arboretum Rain Garden	763801.71	762166.783	26
RG-13	Rain Garden	Arboretum Rain Garden	763850.045	762078.895	26
RG-14	**Rain Garden**	**Chilled Water Plant Rain Garden 1**	**760833.952**	**761472.669**	0
RG-15	**Rain Garden**	**Chilled Water Plant Rain Garden 2**	**760897.747**	**761587.586**	0
RG-16	**Rain Garden**	**Football Performance Rain Garden 1**	**760350.041**	**763406.659**	0
RG-17	**Rain Garden**	**Football Performance Rain Garden 2**	**760593.999**	**763741.15**	0
SB-01	Sediment Basin	Petrie Subsurface Sediment Basin	762337.303	765368.054	
UD-01	Underground Detention	Lowder Underground Detention	762322.269	766015.625	
UD-02	Underground Detention	Shelby Underground Detention	763024.758	766285.682	
UD-03	Underground Detention	Indoor Practice Underground Detention	760649.251	763280.439	
UD-04	Underground Detention	President's Underground Detention	764157.322	762296.021	
UD-05	**Underground Detention**	**Football Performance Underground Detention 1**	**760192.882**	**763454.693**	
UD-06	**Underground Detention**	**Football Performance Underground Detention 2**	**760541.629**	**763717.873**	
UD-07	**Underground Detention**	**ACLC Underground Detention**	**762618.134**	**764019.738**	
WDET-01	Wet Detention Basin	Gogue Performing Arts Center Pond	763013.75	759497.73	
WDET-02	Wet Detention Basin	Campus Recreation SportsPlex	759778.94	760914.97	

Appendix H

Municipal Facility SOP, Inventory & Inspection Records

April 1, 2022, through March 31, 2023

Auburn University Risk Management and Safety **Standard Operating Procedure**	*Effective Date:*		*SOP Number:*
	Supersedes NA	*Superseded:* NA	*Page:* **1 of 1**
Subject: **MS4 Municipal Facility Inspection**	*Approval:* Risk Management and Safety		

I. PURPOSE

This document provides standard operating procedures (SOP) for performing municipal facility inspections in accordance General NPDES Permit No. ALR040030 Part III.5.a.iii.

II. OBJECTIVE

The purpose of the procedure is to prevent or minimize to the maximum extent practicable (MEP) pollutants from being discharged from these "municipal facility" locations/operations into Auburn University's MS4.

III. SCOPE

RMS will perform Inspections at these facilities annually with reinforcement provided through annual training and/or consultation. Regular inspections will assess the impacts of AU operations at these facilities that may include but not be limited to:

Equipment Washing	Stret Sweeping	Road Maintenance	Waste Management
Vegetation Control	Fleet Maintenance	External Building Maintenance	Material Storage

Should stormwater concerns be identified during the inspection, measures will be taken in cooperation with RMS and the responsible group as soon as possible.

Municipal Facility Inventory Date: May 2022

Facilities Management	**Athletics**
Auto/Small Engine Shop	Plainsman Park
Fleet Fueling Station	Jordan Hare Stadium
Materials Management	Soccer Complex
Landscape Services	Jane B. Moore Softball Complex
Yard	Hutsell Rosen Track
Chilled Water Plant I	Auburn Arena
Chilled Water Plant II	Watson Field House
Chilled Water Plant III	Football Performance Facility (under construction)
District Energy Plant	
Hot Water Plant I	**Risk Management & Safety**
Hot Water Plant II	Environmental Health & Safety I
Satellite Steam Plant	Environmental Health & Safety II
44 kV Substation	Environmental Health & Safety III
115 kV Substation	Pathological Waste Incinerator
Student Affairs	
Foy Dining (CD)	
Village Dining (CD)	
Student Center (CD)	
Terrell Hall Dining (CD)	
Wellness Kitchen (CD)	
SportsPlex (CR)	
Intramural Field House/Equipment Pole Barn (CR)	
Fraternity Houses (GL)	

CD: Campus Dining

CR: Campus Recreation

GL: Greek Life

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Auto Shop Facilities		
Facility POC:	Mark Carroll	Phone Number:	
Date of Inspection:	Mar 29, 2022	Inspectors:	McKinley / Greg Hayes

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☑	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☑	☐	
2. Are designated waste receptacles properly used?	☑	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☑	☐	
4. Are BMPs in good working order?	☑	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☑	☐	
Pollution Prevention	**C**	**NC**	**N/A**
6. Is exposed equipment/processes clean and in good working order?	☑	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging? Exterior storage under cover. Most work performed indoors	☑	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☑	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures? o/l dry	☑	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☑	☐	☐
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☑	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☑	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Fleet Fueling Station			
Facility POC: Mark Carroll	Phone Number:		
Date of Inspection: Mar 29, 2022	Inspectors: Tom McCauley / Greg Hayes		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☑	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☑	☐
2. Are designated waste receptacles properly used? trash		☑	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☑	☐
4. Are BMPs in good working order?		☑	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☑	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☑	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☐	☑ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☑ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☑	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☑	☐ / ☐
11. Does the facility have any apparent IDDEs?		☑	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☑	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☑ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☑	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Materials Management		
Facility POC:	Martin Ashwood	Phone Number:	
Date of Inspection:	Mar 29, 2022	Inspectors:	McCauley / Greg Hayes

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☑	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☑	☐	
2. Are designated waste receptacles properly used?	☑	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☑	☐	
4. Are BMPs in good working order?	☑	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills? loading dock	☑	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☐	☐	☑
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☐	☐	☑
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☐	☐	☑
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☐	☐	☑
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☑	☐	☐
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☐	☐	☑
13. Are hazardous materials/waste storage areas properly labeled? F. lamps	☑	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Landscape Services		
Facility POC:	Justin Sutton	Phone Number:	
Date of Inspection:	Mar 29, 2022	Inspectors:	McCauley / G. Hayes

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☑	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C		NC
1. Site is free from litter and debris?	☑		☐
2. Are designated waste receptacles properly used?	☑		☐
3. Are spills immediately cleaned up to the extent that only stains remain?	☑		☐
4. Are BMPs in good working order?	☑		☐
5. Storm drainage system and outfalls are inspected and free of debris and spills? Grate inlet near pesticide rm. ✓	☑		☐
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order? Sweepers/Mowers/Sprayers	☑	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☑	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☑	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures? 01 day	☑	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☑	☐	☐
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways? POL	☑	☐	☐
13. Are hazardous materials/waste storage areas properly labeled? Used oil tank	☑	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	FACILITIES MANAGEMENT YARD		
Facility POC:	GREG HAYES	Phone Number:	
Date of Inspection:	MAR 29, 2022	Inspectors:	

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☑	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☑	☐	
2. Are designated waste receptacles properly used? Metals dumpster	☑	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☑	☐	
4. Are BMPs in good working order?	☑	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☑	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order? old transformers removed	☑	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging? No problems noted Need to review regularly	☑	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☐	☐	☑
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☐	☐	☑
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☐	☐	☑
13. Are hazardous materials/waste storage areas properly labeled?	☐	☐	☑
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Remove from inventory

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	CHILL WATER PLANT 1 (WILMORE)		
Facility POC:	GRANT KIRBY	Phone Number:	
Date of Inspection:	MAR 21, 2017	Inspectors:	McCauley / GKirby

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☑

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☐	☐	☒
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☐	☐	☒
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☐	☐	☒
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☐	☐	☒
13. Are hazardous materials/waste storage areas properly labeled?	☐	☐	☒
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Remove from inventory

Facility Information			
Facility Name: Chill Water Plant II (Duncan)			
Facility POC: Grant Kirby	Phone Number:		
Date of Inspection: Mar 21 2022	Inspectors: McCauley / G. Kirby		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☑
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☑	☐
2. Are designated waste receptacles properly used?		☑	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☑	☐
4. Are BMPs in good working order?		☑	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☑	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☐	☐ / ☑
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☐	☐ / ☑
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☐ / ☑
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☐ / ☑
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☑	☐ / ☐
11. Does the facility have any apparent IDDEs?		☑	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☑
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☑
Environmental Training			
14. Has the Facility POC received Stormwater training?		☑	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Remove from inventory
Remove from

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	CIVIL WATER PLANT III (CWW)		
Facility POC:	GRANT KIRBY	Phone Number:	
Date of Inspection:	MAR 21, 2022	Inspectors:	McGinley / KIRBY

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☐	☑

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☑	☐	
2. Are designated waste receptacles properly used?	☑	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☑	☐	
4. Are BMPs in good working order?	☑	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☑	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☐	☐	☑
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☐	☐	☑
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☐	☐	☑
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☐	☐	☑
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☑	☐	☐
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☐	☐	☑
13. Are hazardous materials/waste storage areas properly labeled?	☐	☐	☑
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	DISTRICT ENERGY PLANT		
Facility POC:	GRANT KIRBY	Phone Number:	
Date of Inspection:	MAR 21, 22	Inspectors:	McCauley/Kirby

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☑	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C		NC
1. Site is free from litter and debris?	☑		☐
2. Are designated waste receptacles properly used?	☑		☐
3. Are spills immediately cleaned up to the extent that only stains remain?	☑		☐
4. Are BMPs in good working order?	☑		☐
5. Storm drainage system and outfalls are inspected and free of debris and spills? Error. Reference / Parking lot	☑		☐
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☑	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☑	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☑	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☑	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☑	☐	☐
11. Does the facility have any apparent IDDEs?	☑	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways? 20' KST	☑	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☑	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☑	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Lor Water Plant 1 (MCITWP)		
Facility POC:	GRANT KIRBY	Phone Number:	
Date of Inspection:	3.21.22	Inspectors:	McCamley / Kirby

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways? AST	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled? AST	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Hot Water Plant II		
Facility POC:	Grant Kirby	Phone Number:	
Date of Inspection:	3.21.22	Inspectors:	M. Cauley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☑	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways? AST/Fuel	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled? AST	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	SATELLITE STEAM PLANT (BRF)		
Facility POC:	GRANT KIRBY	Phone Number:	
Date of Inspection:	3.21.22	Inspectors:	McCauley / KIRBY

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☒

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):
EMERGENCY GENERATOR 20k UST

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	44 kv Substation		
Facility POC:	Keith Nail	Phone Number:	
Date of Inspection:	3.21.22	Inspectors:	McCauley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C		NC
1. Site is free from litter and debris?	☒		☐
2. Are designated waste receptacles properly used?	☒		☐
3. Are spills immediately cleaned up to the extent that only stains remain?	☒		☐
4. Are BMPs in good working order?	☒		☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒		☐
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):
HIGH VOLTAGE RESTRICTED AREA ASSESMENT WAS FOR EXTERIOR FENCE-LINE. NO ISSUES APPARENT.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	115 KV SUBSTATION		
Facility POC:	Kent Nall	Phone Number:	
Date of Inspection:	3.21.22	Inspectors:	

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

HIGH VOLTAGE RESTRICTED AREA ASSESSMENT WAS PERFORMED FROM THE EXTERIOR FENCE LINE (NO ISSUES)

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Foy Dining			
Facility POC: Glen Loveridge	Phone Number:		
Date of Inspection: Mar 28 2022	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris? loading dock		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging? UNDER COVER		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways? AST		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled? Cooking Oil		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Village Dining			
Facility POC: Glenn Longthorne	Phone Number:		
Date of Inspection: 3/28/22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?	Dumpster/compactor	☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?	Used cooking oil	☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: STUDENT CTR			
Facility POC: GLENN Longmore	Phone Number:		
Date of Inspection: 3.28.22	Inspectors: Mc Gauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Used cooking oil Compactor / Baler loading dock

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	TERRELL Hall DINING		
Facility POC:	GLENN LOUGHRIDGE	Phone Number:	
Date of Inspection:	3.28.22	Inspectors:	Mc Carley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C		NC
1. Site is free from litter and debris? loading dock crowded	☒		☐
2. Are designated waste receptacles properly used?	☒		☐
3. Are spills immediately cleaned up to the extent that only stains remain?	☒		☐
4. Are BMPs in good working order?	☒		☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒		☐
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):
Used cooking oil

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Wellness Kitchen			
Facility POC: Glenn Loughridge	Phone Number:		
Date of Inspection: 3.28.22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	Under cover	☒	☐ / ☒
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?	Used oil	☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Sportsplex			
Facility POC:	Phone Number:		
Date of Inspection: 3.28.22	Inspectors: McKinley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging? full tent		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Field Horse Pole Barn			
Facility POC:	Phone Number:		
Date of Inspection: 3/28/22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Vehicle/Equipment under cover → NOT ISSUE

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Plainsman Park (Baseball)			
Facility POC: Eric Kleypas	Phone Number:		
Date of Inspection: 4.12.22	Inspectors: McKinley / Kleypas		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order? Most inside		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	JH STADIUM		
Facility POC:	ERIC FLEMING	Phone Number:	
Date of Inspection:	4.12.22	Inspectors:	McCauley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☐

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris? S. ENDZONE	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

PAINT / FUEL / USED OIL

LAMPS ALL UNDERCOVER @ S. ENDZONE

NO ISSUES ✓

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Soccer Complex			
Facility POC: Kleypas	Phone Number:		
Date of Inspection: 4.12.22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name:	Jane Moore Softball		
Facility POC:	Kleypas	Phone Number:	
Date of Inspection:	4.12.22	Inspectors:	McCauley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☒	☒

Inspection Checklist			
Good Housekeeping			
Inspection Item	C	NC	
1. Site is free from litter and debris?	☒	☐	
2. Are designated waste receptacles properly used?	☒	☐	
3. Are spills immediately cleaned up to the extent that only stains remain?	☒	☐	
4. Are BMPs in good working order?	☒	☐	
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☒	☐	
Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☒	☐	☐
11. Does the facility have any apparent IDDEs?	☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☒	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☒	☐	☐

Comments (attach any necessary photos):

All equipment ~~was~~ stored in box containers beyond Right field fence

No issues.

Standard in gravel lot behind center field.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Hutsell Track			
Facility POC: KREMPAS	Phone Number:		
Date of Inspection: 4.12.22	Inspectors: McGauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☑	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Equipment NOT in use stored indoor and/or Removing from inventory

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

All stored N doors consider removing.

Facility Information			
Facility Name:	Auburn Arena		
Facility POC:	Klumpus	Phone Number:	
Date of Inspection:	4.12.22	Inspectors:	Mc Cauley

Site Evaluation	Yes	No
Does facility have potential pollutants or processes exposed to rain?	☐	☒

Inspection Checklist		
Good Housekeeping		
Inspection Item	C	NC
1. Site is free from litter and debris?	☐	☐
2. Are designated waste receptacles properly used?	☐	☐
3. Are spills immediately cleaned up to the extent that only stains remain?	☐	☐
4. Are BMPs in good working order?	☐	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?	☐	☐

Pollution Prevention	C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?	☐	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?	☐	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?	☐	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?	☐	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?	☐	☐	☐
11. Does the facility have any apparent IDDEs?	☐	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?	☐	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?	☐	☐	☐
Environmental Training			
14. Has the Facility POC received Stormwater training?	☐	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Rawie

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Watson Field House			
Facility POC: Kelly Pars	Phone Number:		
Date of Inspection: 11.12.22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☐	☐
2. Are designated waste receptacles properly used?		☐	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☐	☐
4. Are BMPs in good working order?		☐	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☐	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☐	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☐ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: EHS I, II, III			
Facility POC: Hodges / Seng	Phone Number:		
Date of Inspection: 4.12.22	Inspectors: McCauley		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
All waste stored indoors or under cover 90 day CAA + RAD Storage No issues

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: PATH INCINERATOR			
Facility POC: S. NOLEN	Phone Number:		
Date of Inspection: 4.12.22	Inspectors:		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
NO ISSUES.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Appendix I

PMC Water Quality Monitoring Data

April 1, 2022, through March 31, 2023

Parkerson Mill Creek Water Quality Monitoring
April 1, 2022 through March 31, 2023

AWW Site Code	7021002 (T07-14)		AWW Site Code	7016027		AWW Site Code	7021007
Location Description	Wellness Kitchen		Location Description	PMC @ Longleaf Dr.		Location Description	AG Heritage Pond Influent
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-22	3556					12-Apr-22	33
10-May-22	2100		10-May-22	111		10-May-22	33
14-Jun-22	1567		14-Jun-22	267		14-Jun-22	100
12-Jul-22	267		12-Jul-22	100		12-Jul-22	2900
8-Aug-22	400		8-Aug-22	167		8-Aug-22	267
14-Sep-22	233		14-Sep-22	67		14-Sep-22	267
12-Oct-22	333		12-Oct-22	133		12-Oct-22	33
7-Nov-22	667		7-Nov-22	1233		7-Nov-22	2000
5-Dec-22	767		5-Dec-22	167		5-Dec-22	400
10-Jan-23	300		10-Jan-23	300		10-Jan-23	833
6-Feb-23	67		6-Feb-23	67		6-Feb-23	333
15-Mar-23	200		15-Mar-23	200		15-Mar-23	533
AWW Site Code	7011036 (S07-13)		AWW Site Code	7016013		AWW Site Code	7005011
Location Description	Biggio Drive near Coliseum		Location Description	Arboretum (Town Creek)		Location Description	Raptor Center
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-22	233		12-Apr-22	789		12-Apr-22	156
10-May-22	133		10-May-22	78		10-May-22	89
14-Jun-22	677		14-Jun-22	33		14-Jun-22	233
12-Jul-22	0		12-Jul-22	33		12-Jul-22	567
8-Aug-22	233		8-Aug-22	67		8-Aug-22	800
14-Sep-22	0		14-Sep-22	33		14-Sep-22	333
12-Oct-22	0		12-Oct-22	0		12-Oct-22	233
7-Nov-22	0		7-Nov-22	133		7-Nov-22	0
5-Dec-22	300		5-Dec-22	67		5-Dec-22	233
10-Jan-23	333		10-Jan-23	200		10-Jan-23	1800
6-Feb-23	167		6-Feb-23	100		6-Feb-23	300
15-Mar-23	0		15-Mar-23	67		15-Mar-23	200
AWW Site Code	7014007 (P4-30)		AWW Site Code	7014006		AWW Site Code	07005012 (P4-37)
Location Description	Farm House		Location Description	Hemlock		Location Description	Thach Ave InFlow
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-22	289		12-Apr-22	56		12-Apr-22	244
10-May-22	178		10-May-22	467		10-May-22	56
14-Jun-22	67		14-Jun-22	33		14-Jun-22	133
12-Jul-22	67		12-Jul-22	67		12-Jul-22	900
8-Aug-22	0		8-Aug-22	0		8-Aug-22	20467
14-Sep-22	133		14-Sep-22	133		14-Sep-22	133
12-Oct-22	433		12-Oct-22	0		12-Oct-22	33
7-Nov-22	233		7-Nov-22	33		7-Nov-22	33
5-Dec-22	833		5-Dec-22	100		5-Dec-22	533
10-Jan-23	100		10-Jan-23	100		10-Jan-23	4967
6-Feb-23	0		6-Feb-23	300		6-Feb-23	4533
15-Mar-23	233		15-Mar-23	133		15-Mar-23	2133

AWW Site Code	07014005 (N04-09)
Location Description	Tennis Courts
Sample Date	Result (cfu/100mL)
12-Apr-22	244
10-May-22	156
14-Jun-22	100
12-Jul-22	133
8-Aug-22	133
14-Sep-22	333
12-Oct-22	167
7-Nov-22	1900
5-Dec-22	733
10-Jan-23	900
6-Feb-23	200
15-Mar-23	833

AWW Site Code	7005004
Location Description	VCOM Pond
Sample Date	Result (cfu/100mL)
12-Apr-22	33
10-May-22	0
14-Jun-22	133
12-Jul-22	0
8-Aug-22	433
14-Sep-22	33
12-Oct-22	0
7-Nov-22	633
5-Dec-22	133
10-Jan-23	100
6-Feb-23	67
15-Mar-23	33

AWW Site Code	07014002 (P4-32)
Location Description	DEP
Sample Date	Result (cfu/100mL)
12-Apr-22	6667
10-May-22	167
14-Jun-22	100
12-Jul-22	333
8-Aug-22	1867
14-Sep-22	533
12-Oct-22	167
7-Nov-22	0
5-Dec-22	100
10-Jan-23	400
6-Feb-23	167
15-Mar-23	233

AWW Site Code	7018002
Location Description	Shug Jordan Pkwy
Sample Date	Result (cfu/100mL)
12-Apr-22	178
10-May-22	222
14-Jun-22	67
12-Jul-22	200
8-Aug-22	1567
14-Sep-22	0
12-Oct-22	200
7-Nov-22	67
5-Dec-22	267
10-Jan-23	367
6-Feb-23	133
15-Mar-23	100